

Program EVALPLOT
(Version 2017-1)

by

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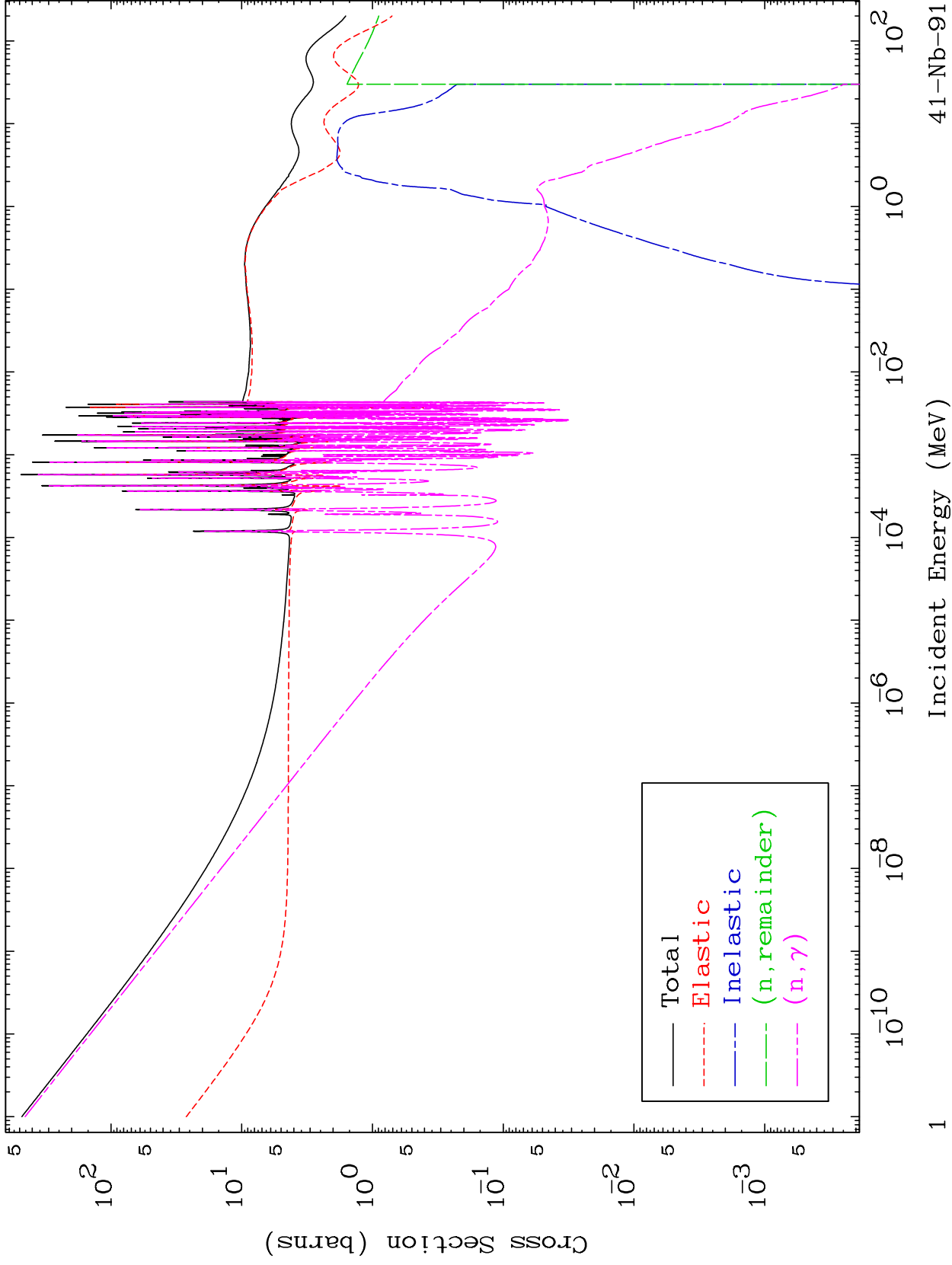
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Press Mouse Button to Start

MAT 4119

Major
293 Kelvin Cross Sections

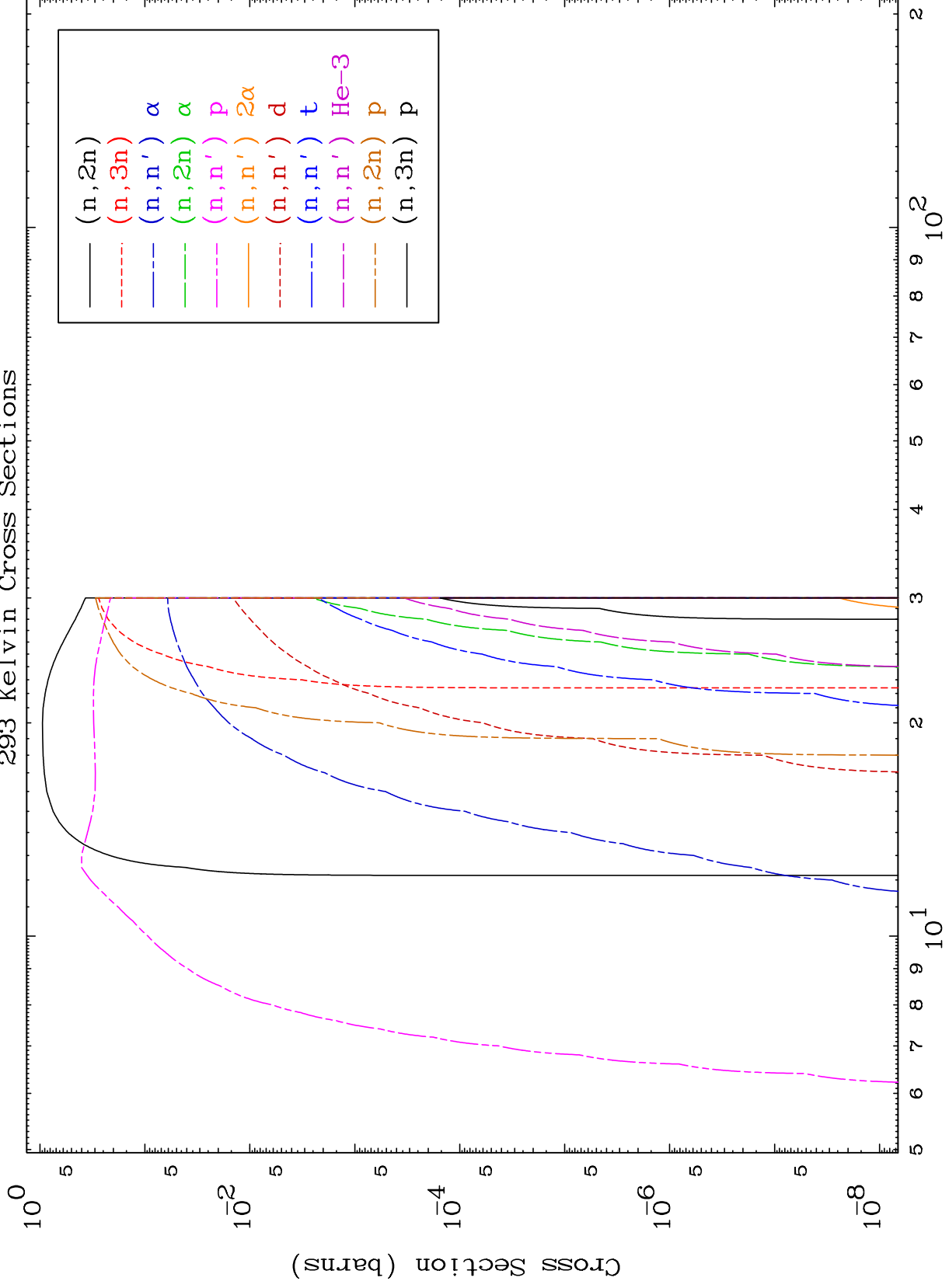
41-Nb-91



MAT 4119

Neutron Production
293 Kelvin Cross Sections

41-Nb-91



2

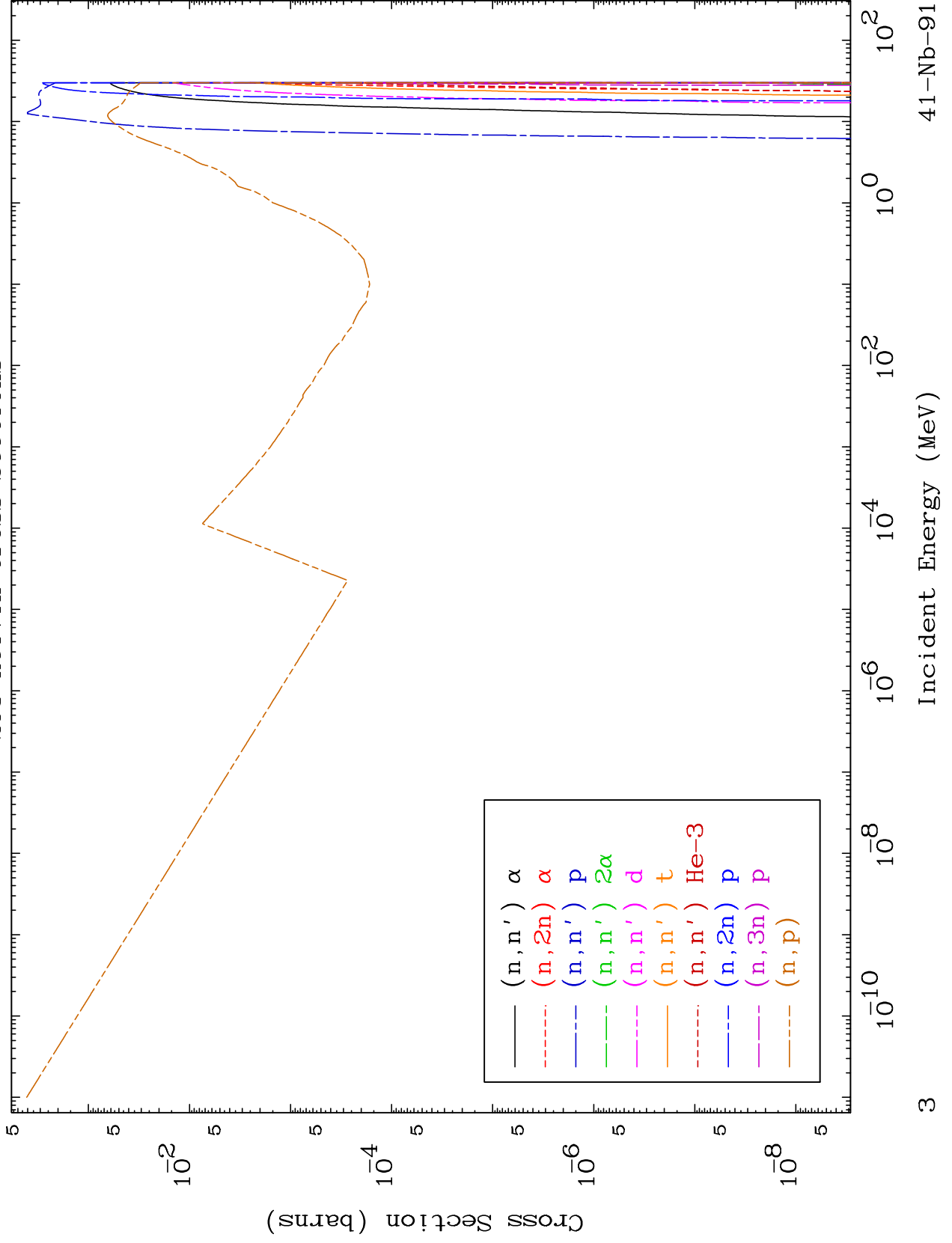
Incident Energy (MeV)

41-Nb-91

MAT 4119

Charged Particle
293 Kelvin Cross Sections

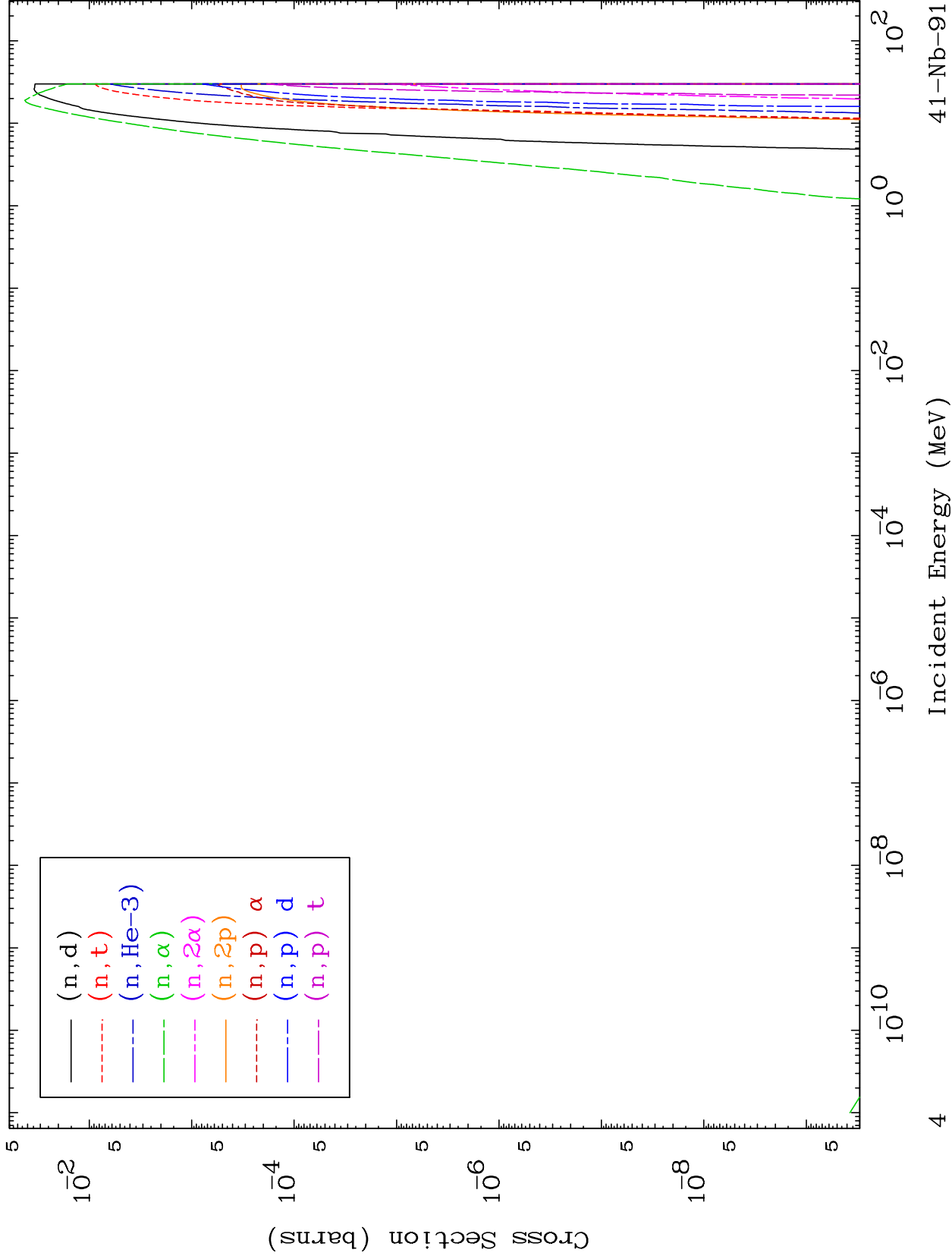
41-Nb-91



MAT 4119

Charged Particle
293 Kelvin Cross Sections

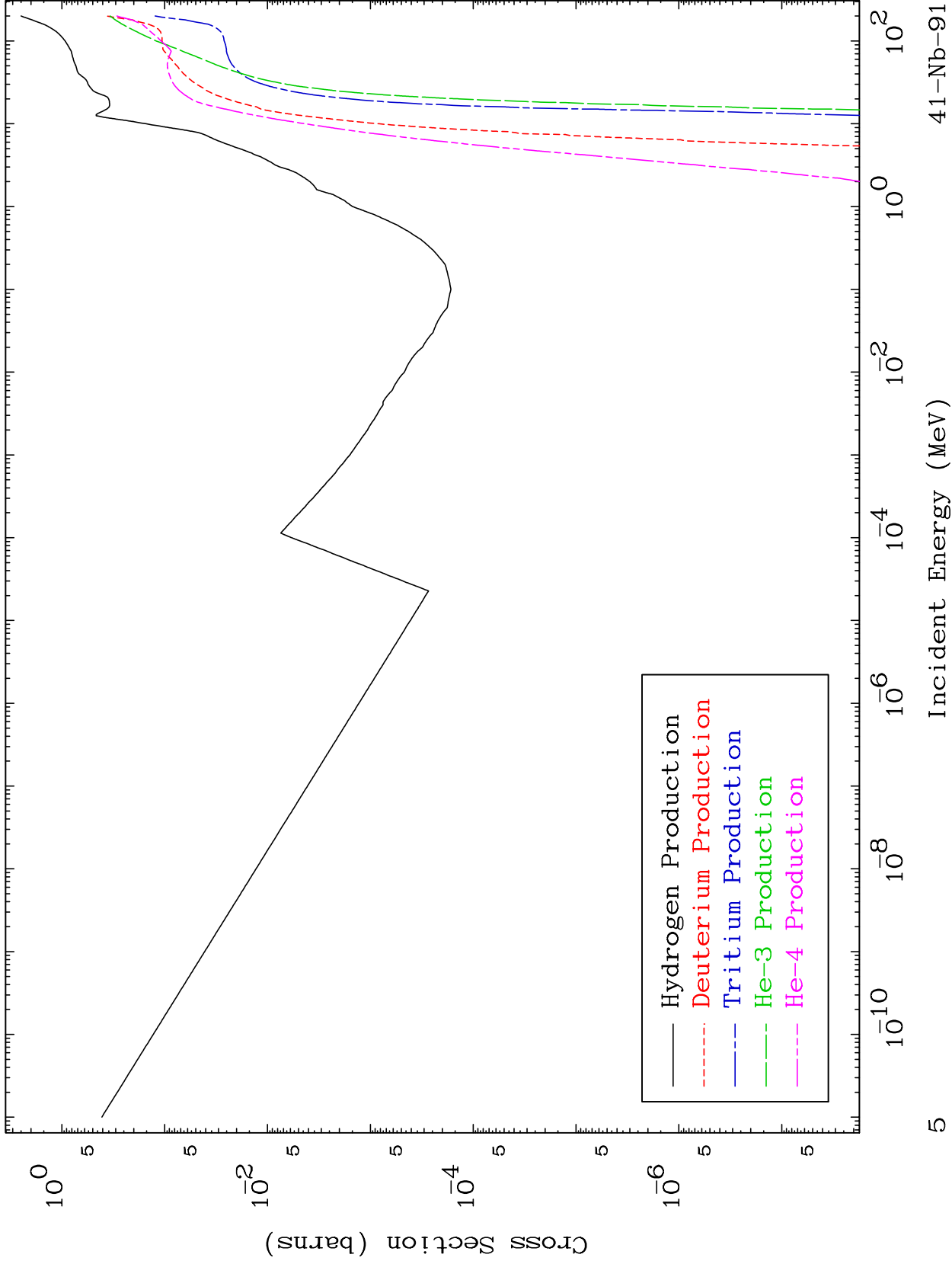
41-Nb-91



MAT 4119

Particle Production
293 Kelvin Cross Sections

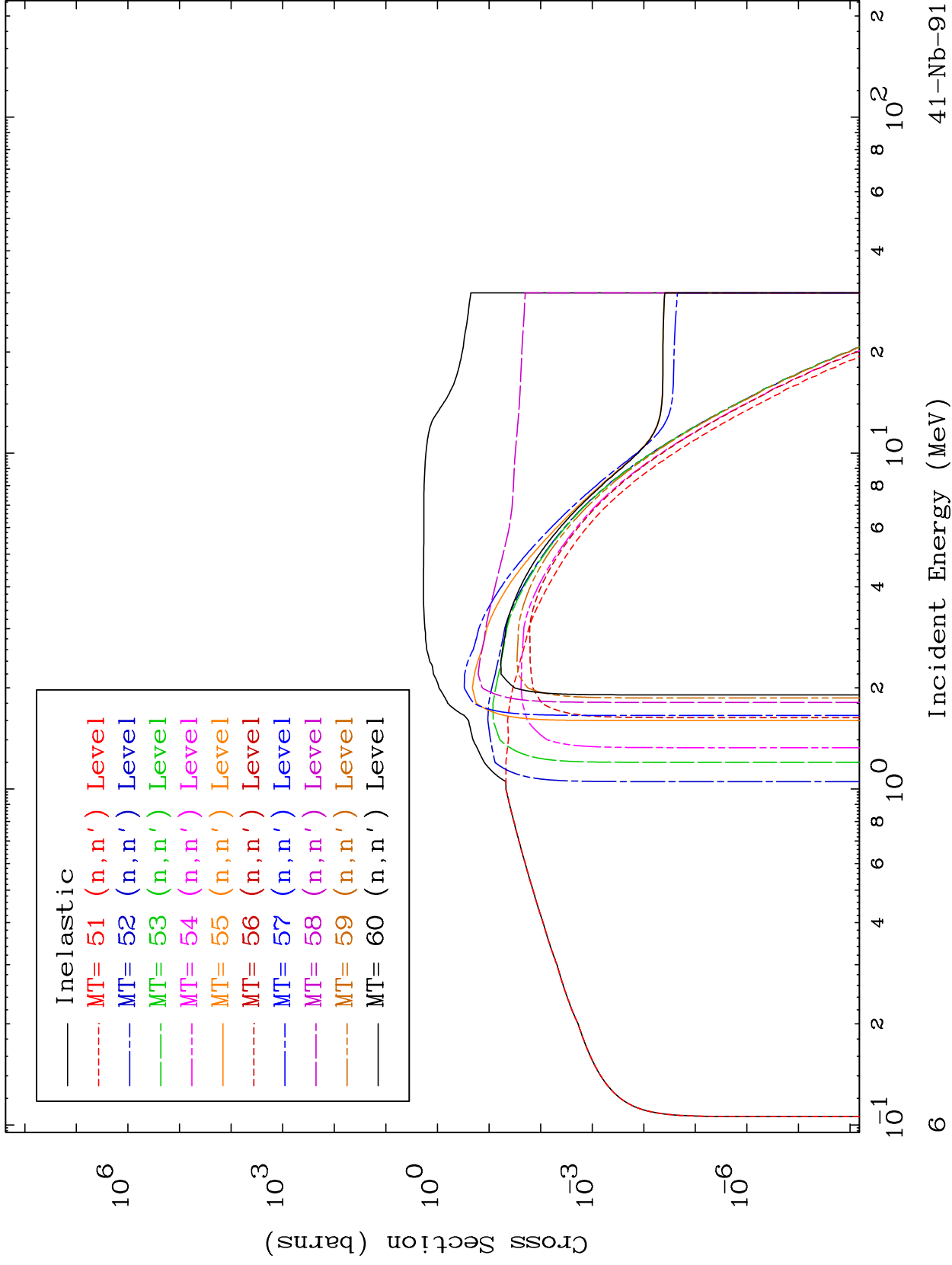
41-Nb-91



MAT 4119

(n,n') Level
293 Kelvin Cross Sections

41-Nb-91

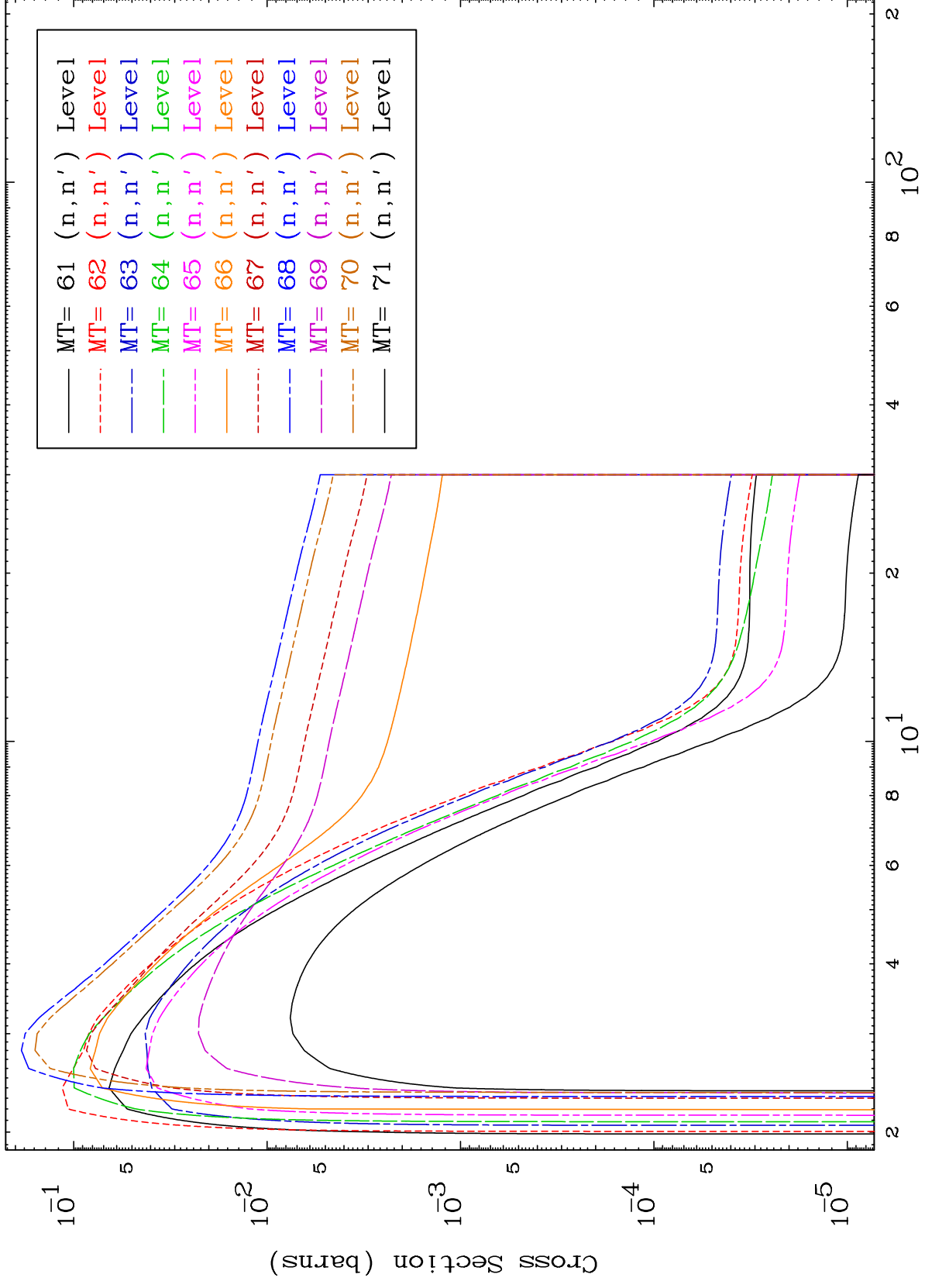


MAT 4119

(n,n') Level

41-Nb-91

293 Kelvin Cross Sections

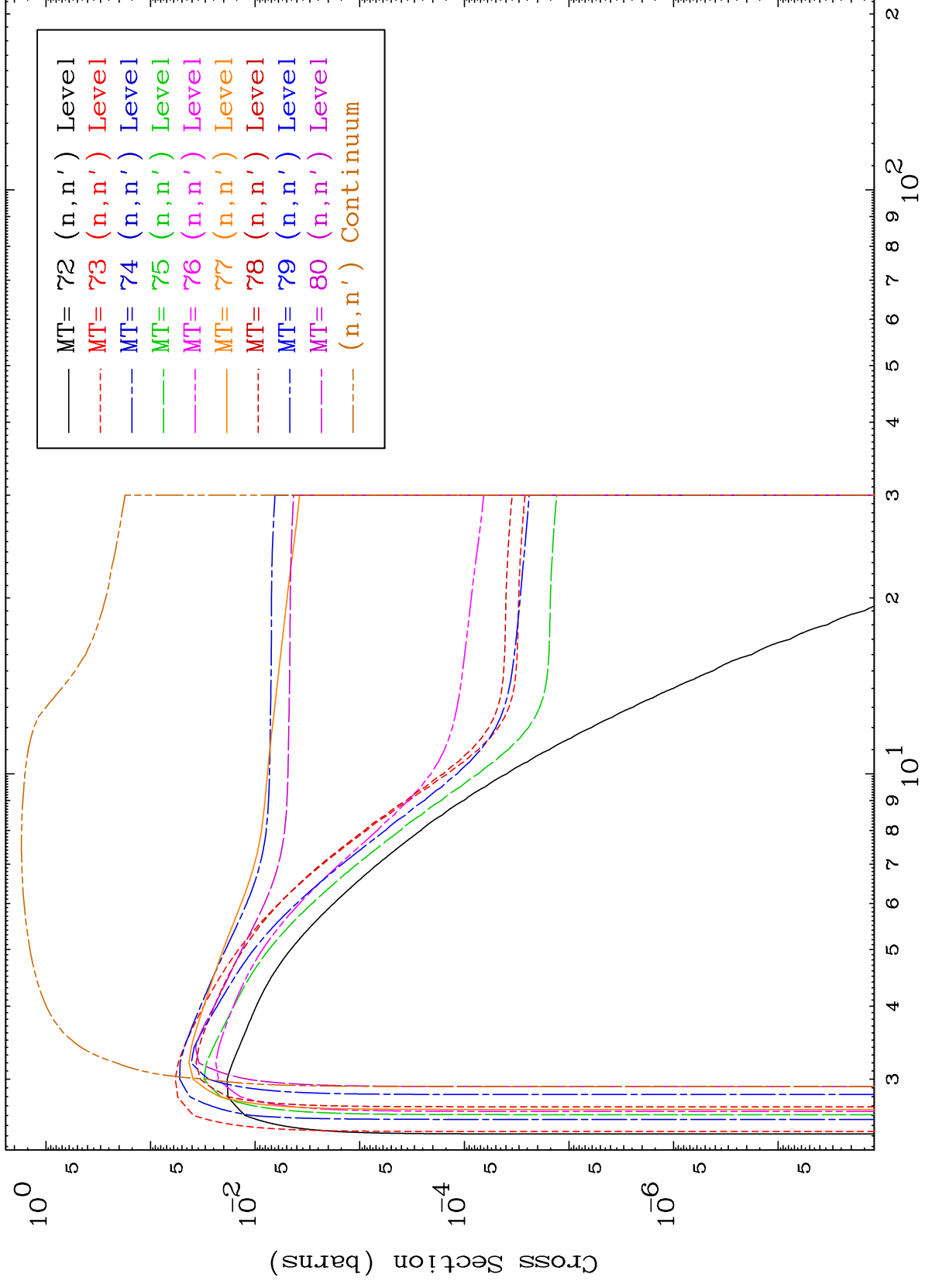


7

Incident Energy (MeV)

41-Nb-91

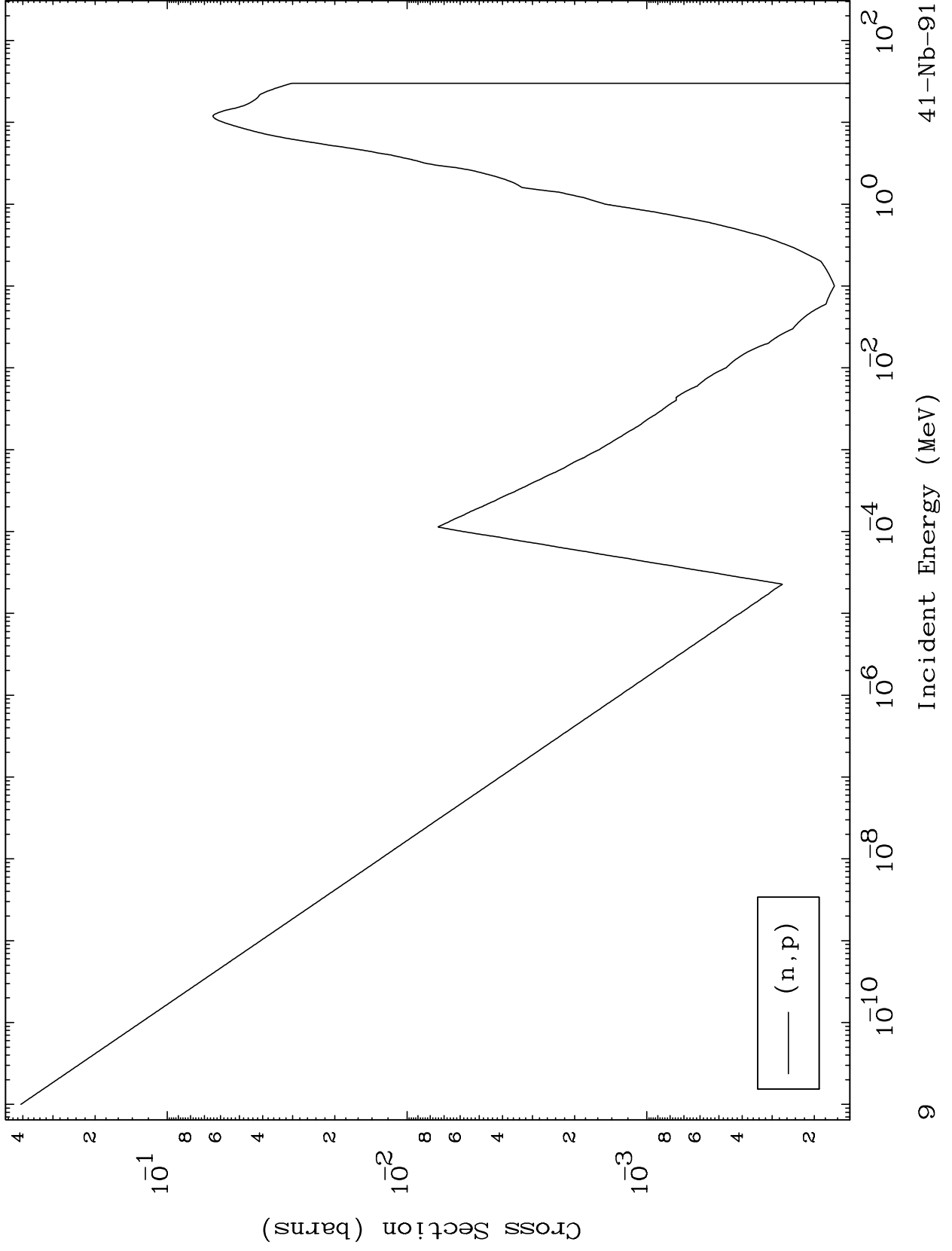
293 Kelvin Cross Sections



MAT 4119

(n,p) Levels
293 Kelvin Cross Sections

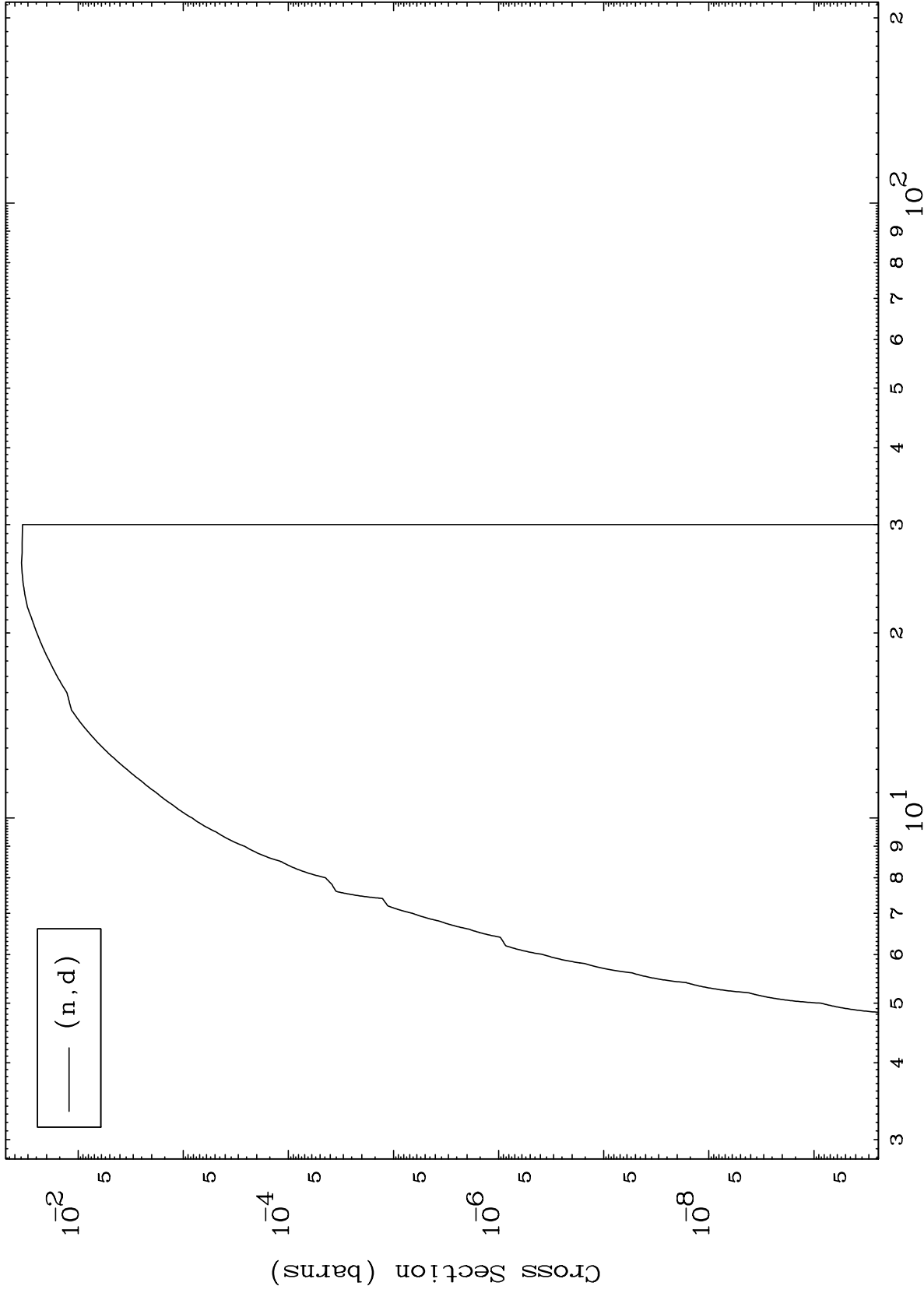
41-Nb-91



MAT 4119

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-91



10

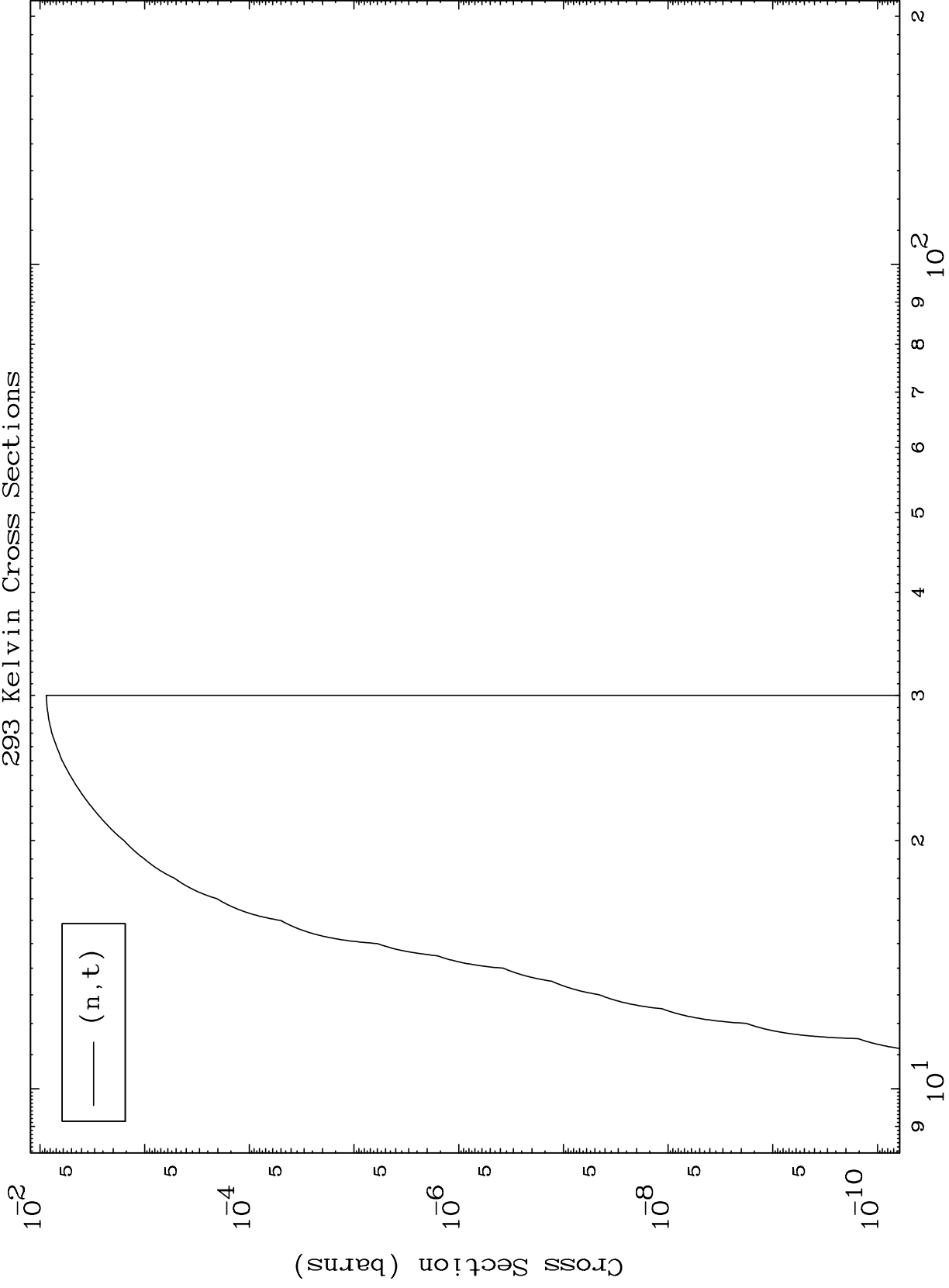
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-91



11

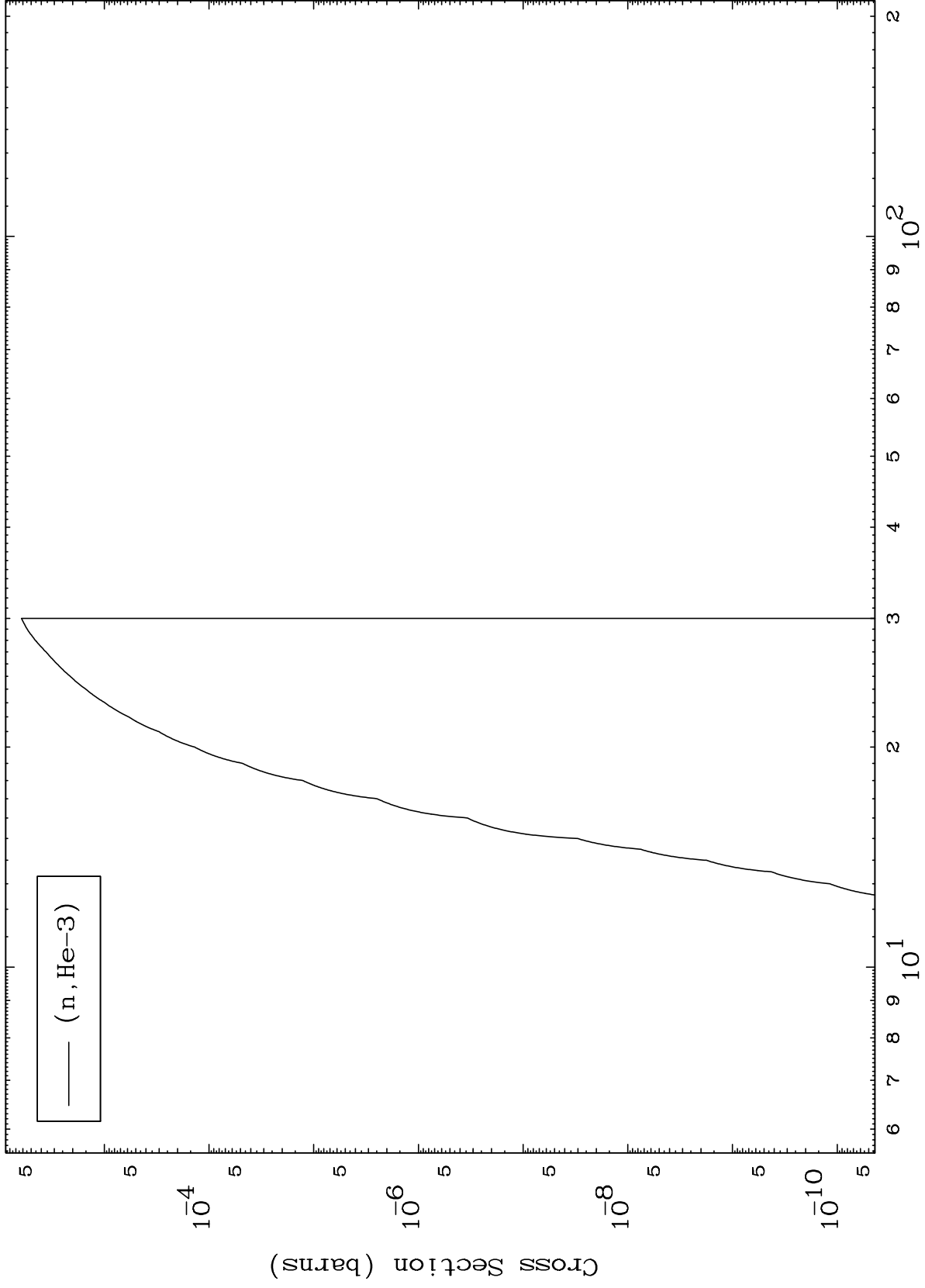
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-91



12

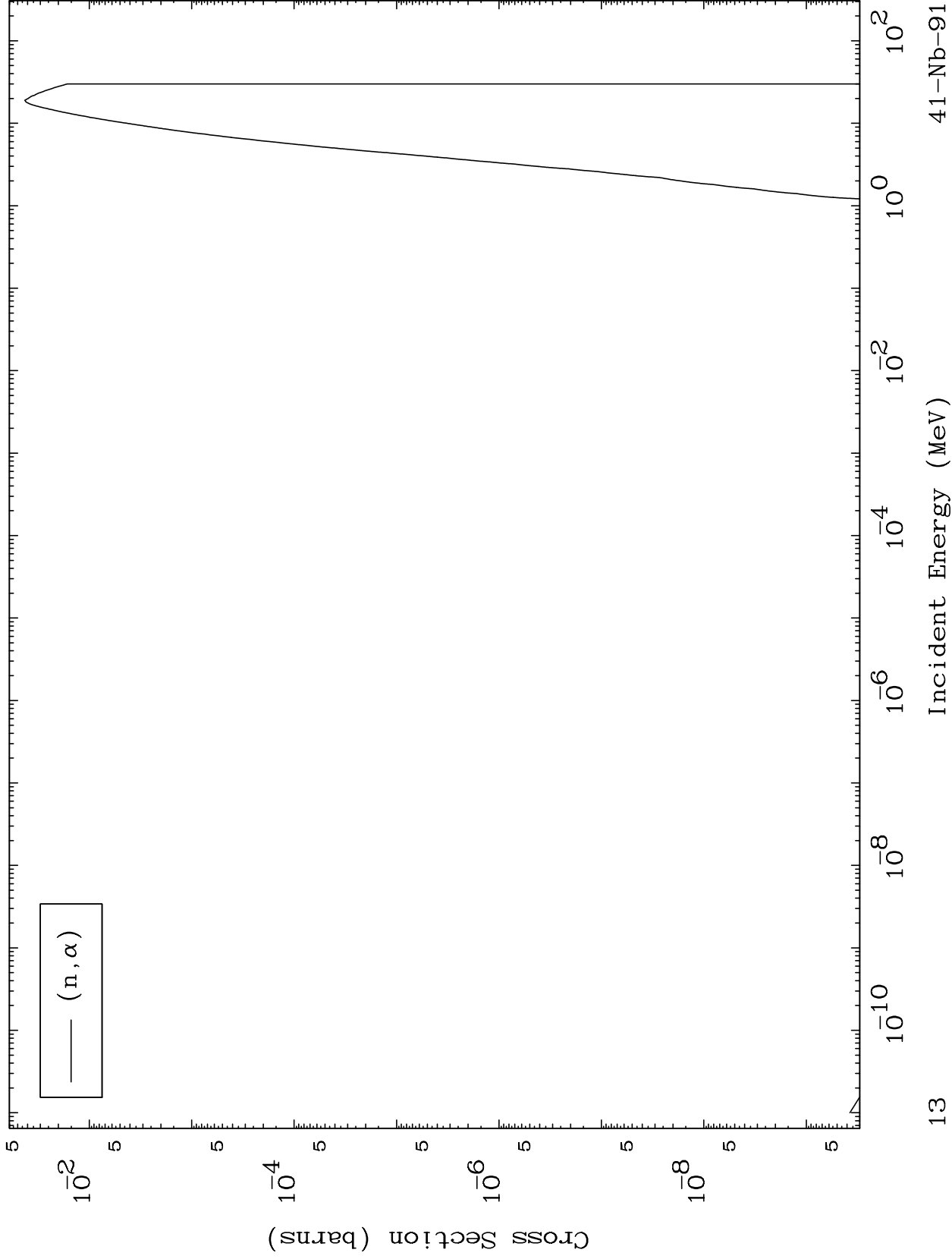
Incident Energy (MeV)

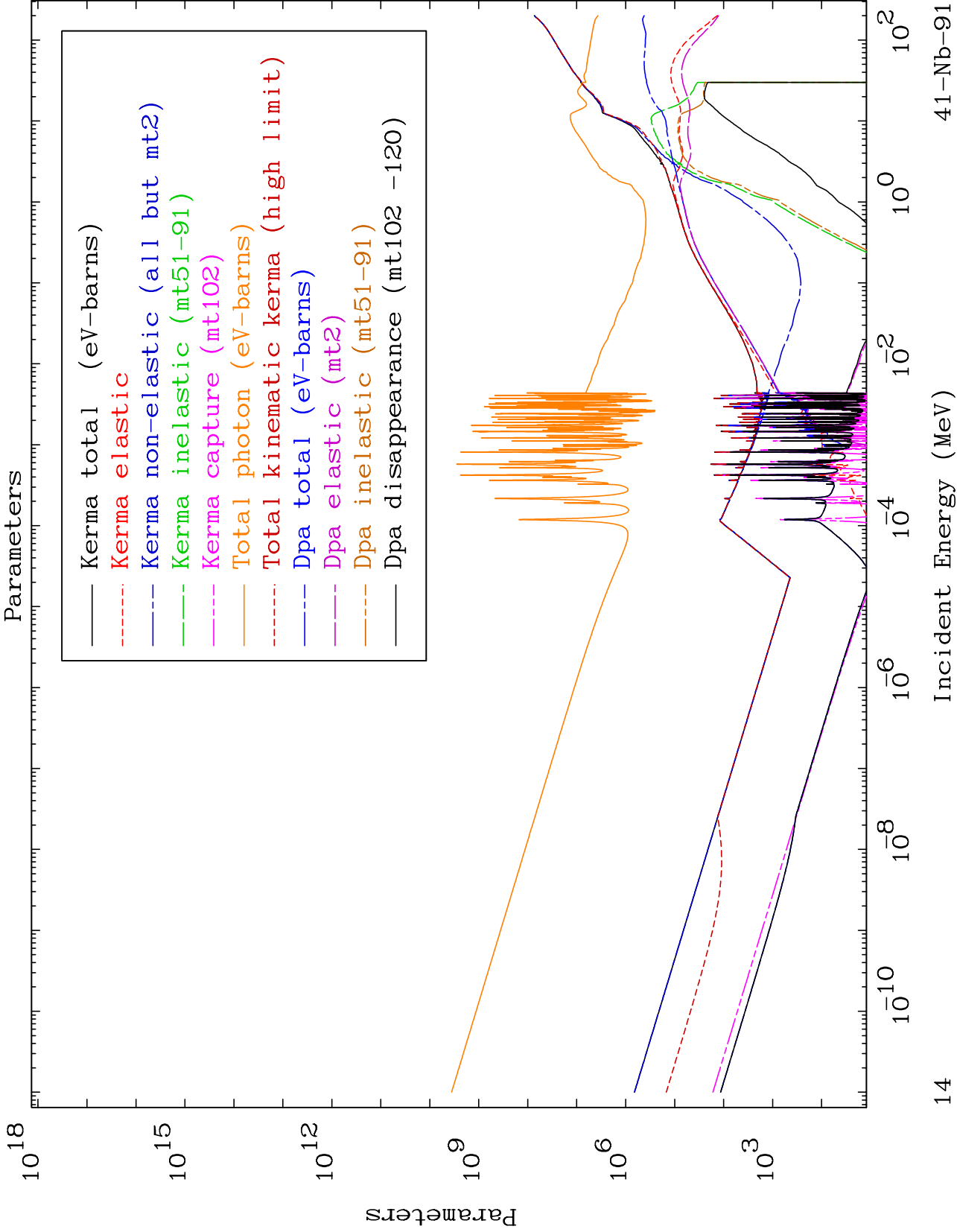
41-Nb-91

MAT 4119

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-91

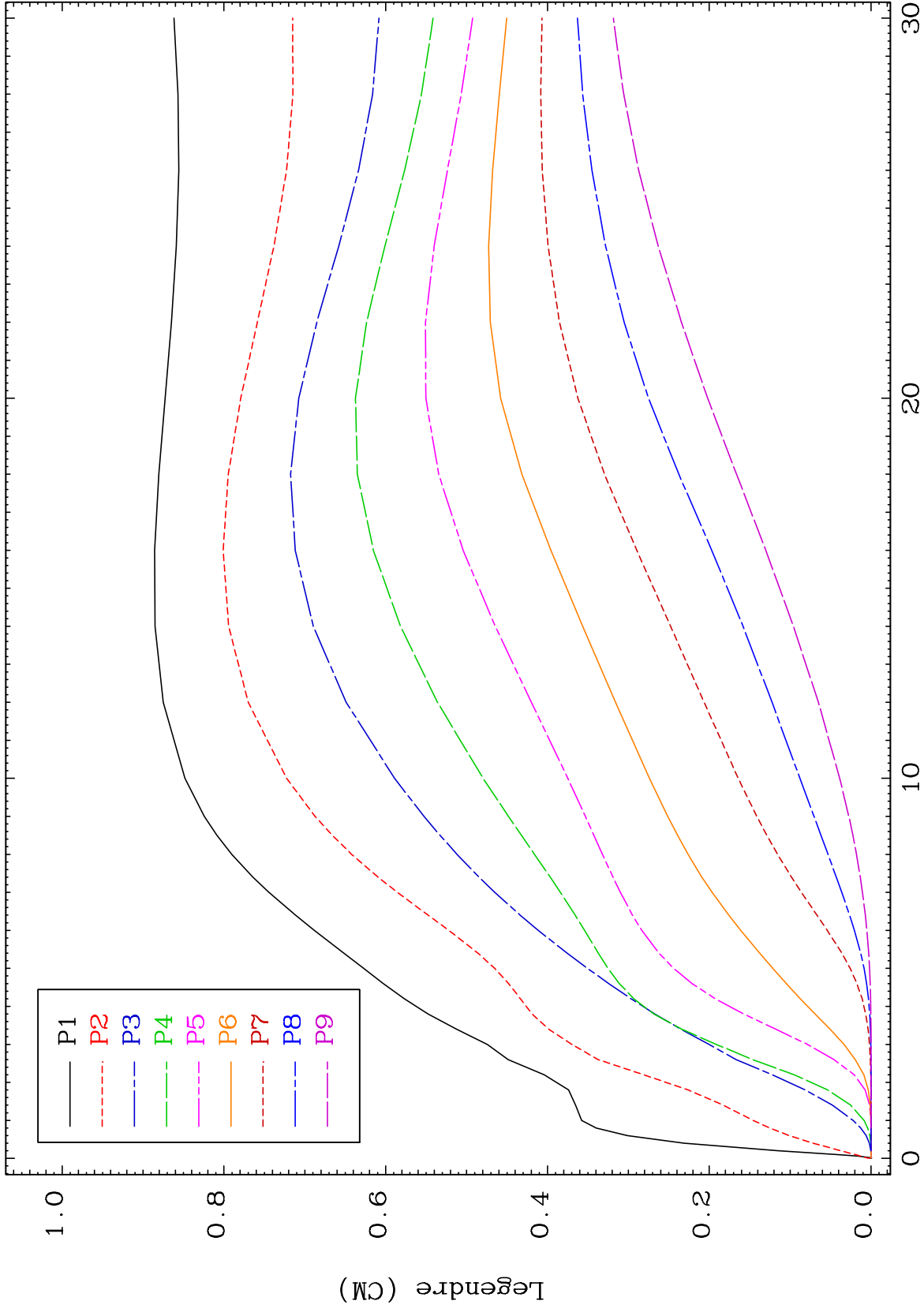




MAT 4119

Elastic
Legendre Coefficients

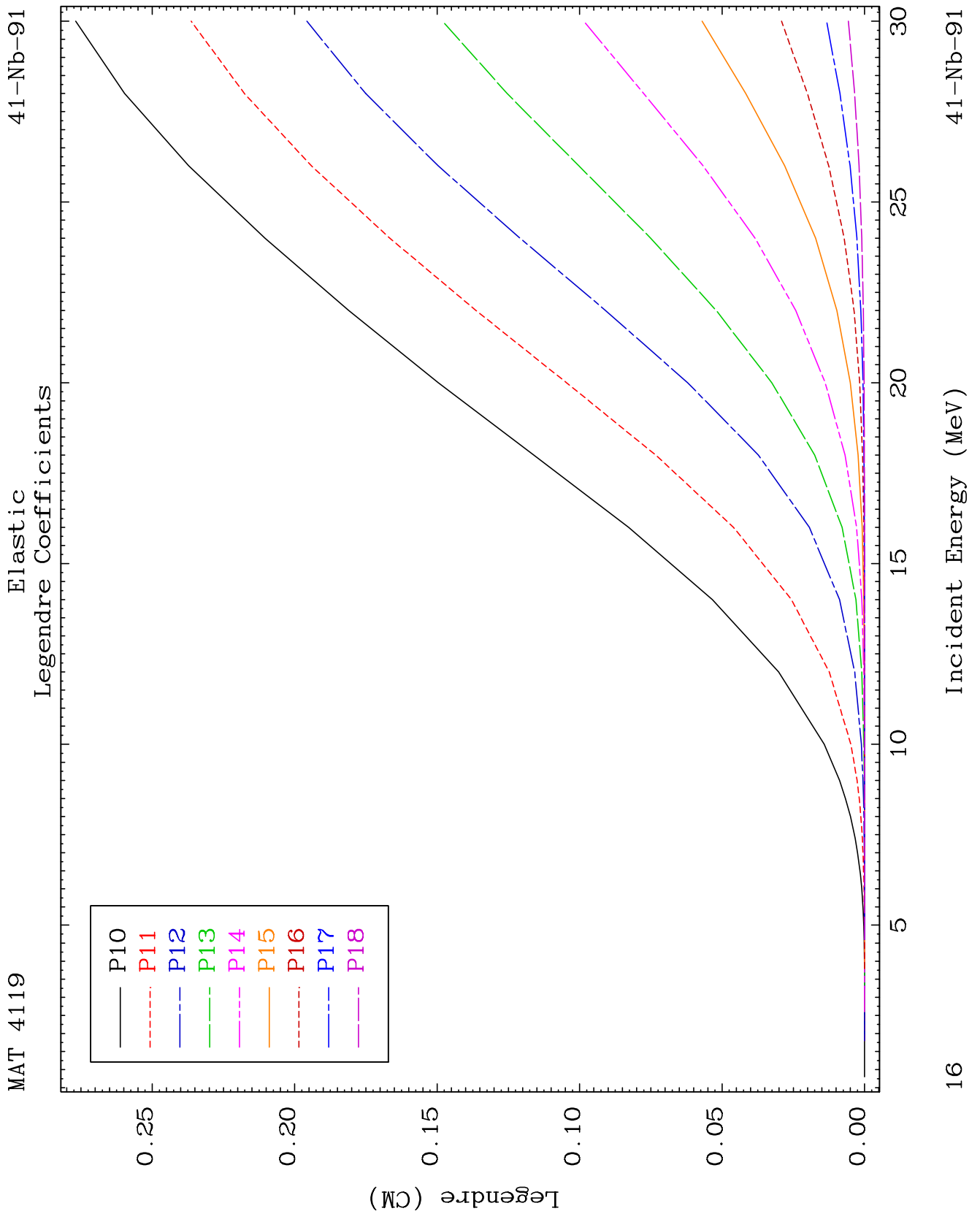
41-Nb-91



0

Incident Energy (MeV)

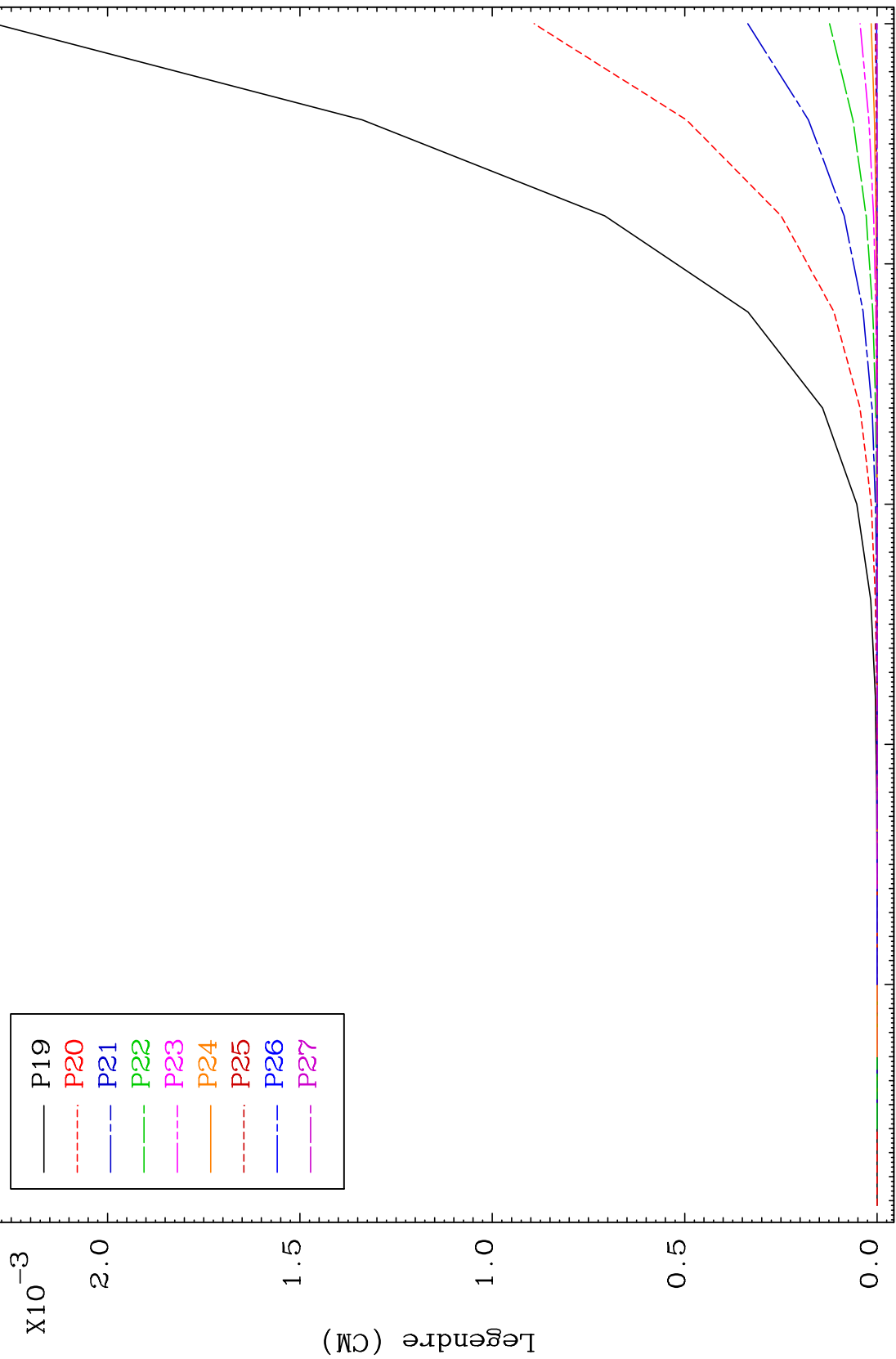
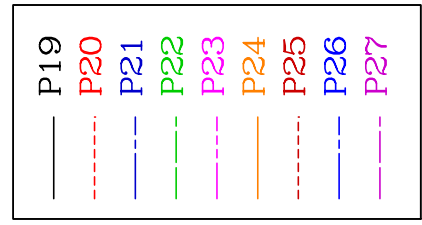
41-Nb-91



MAT 4119

Elastic Legendre Coefficients

41-Nb-91



30

25

20

15

10

17

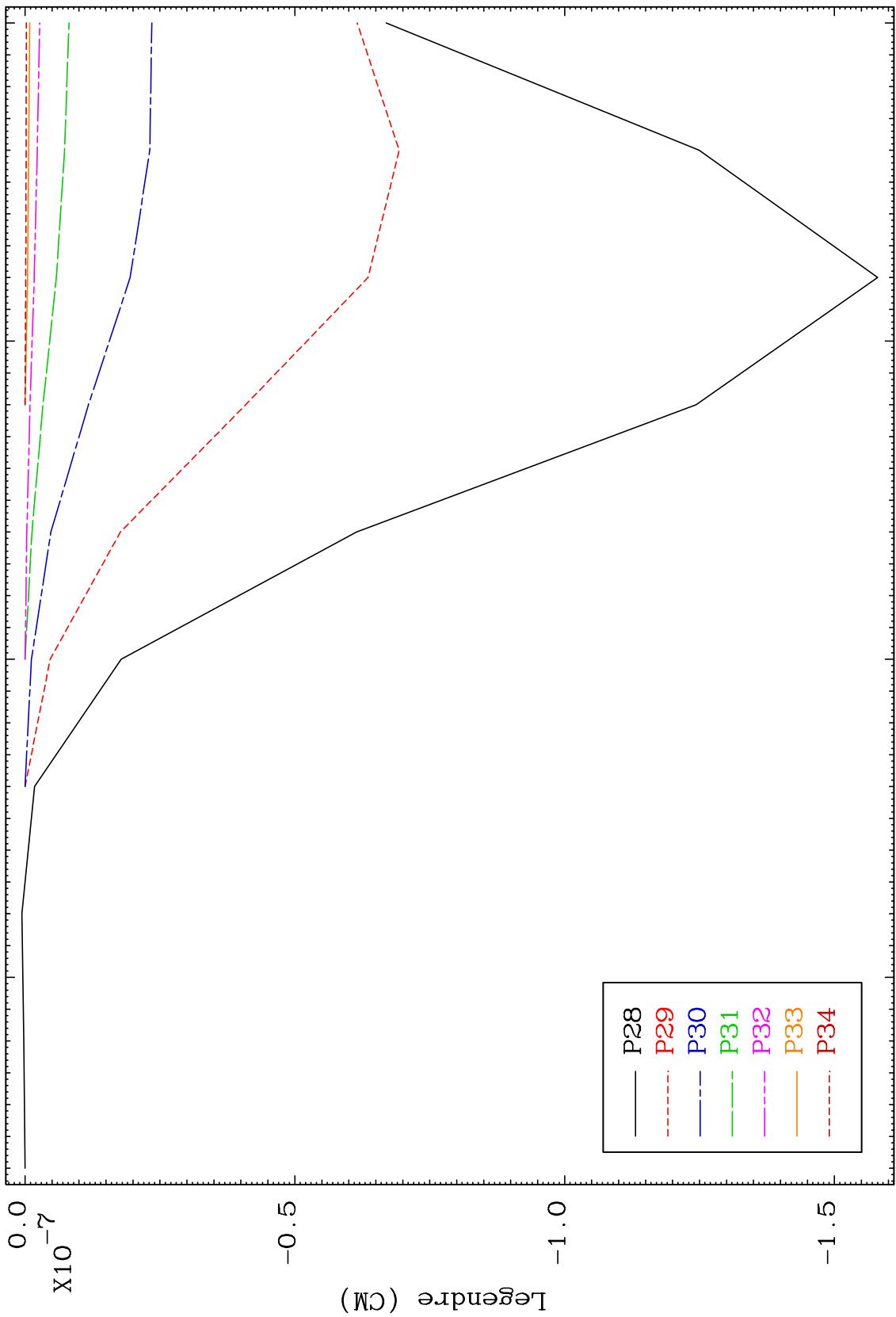
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Elastic Legendre Coefficients



18

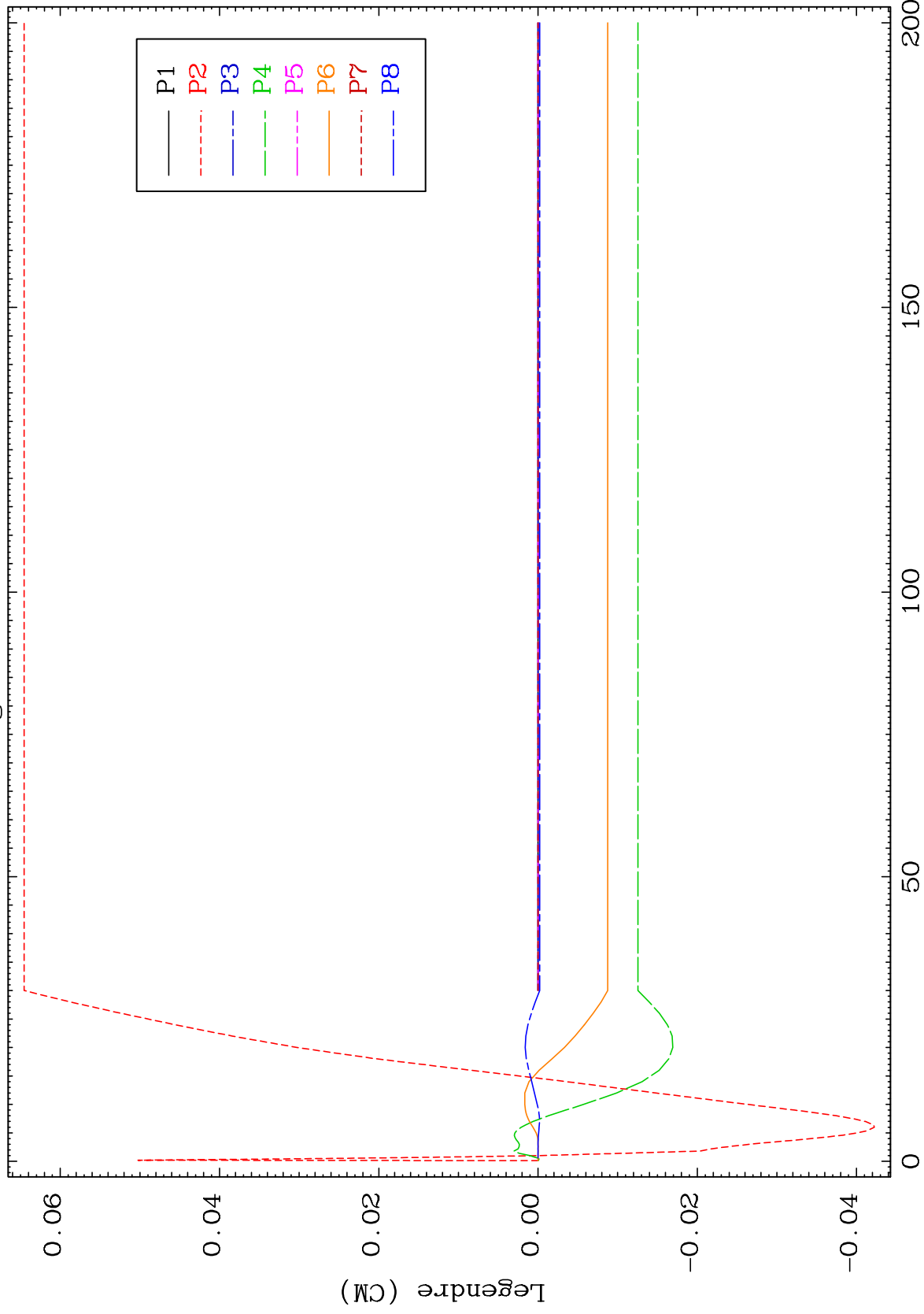
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 51 (n,n') Level
Legendre Coefficients

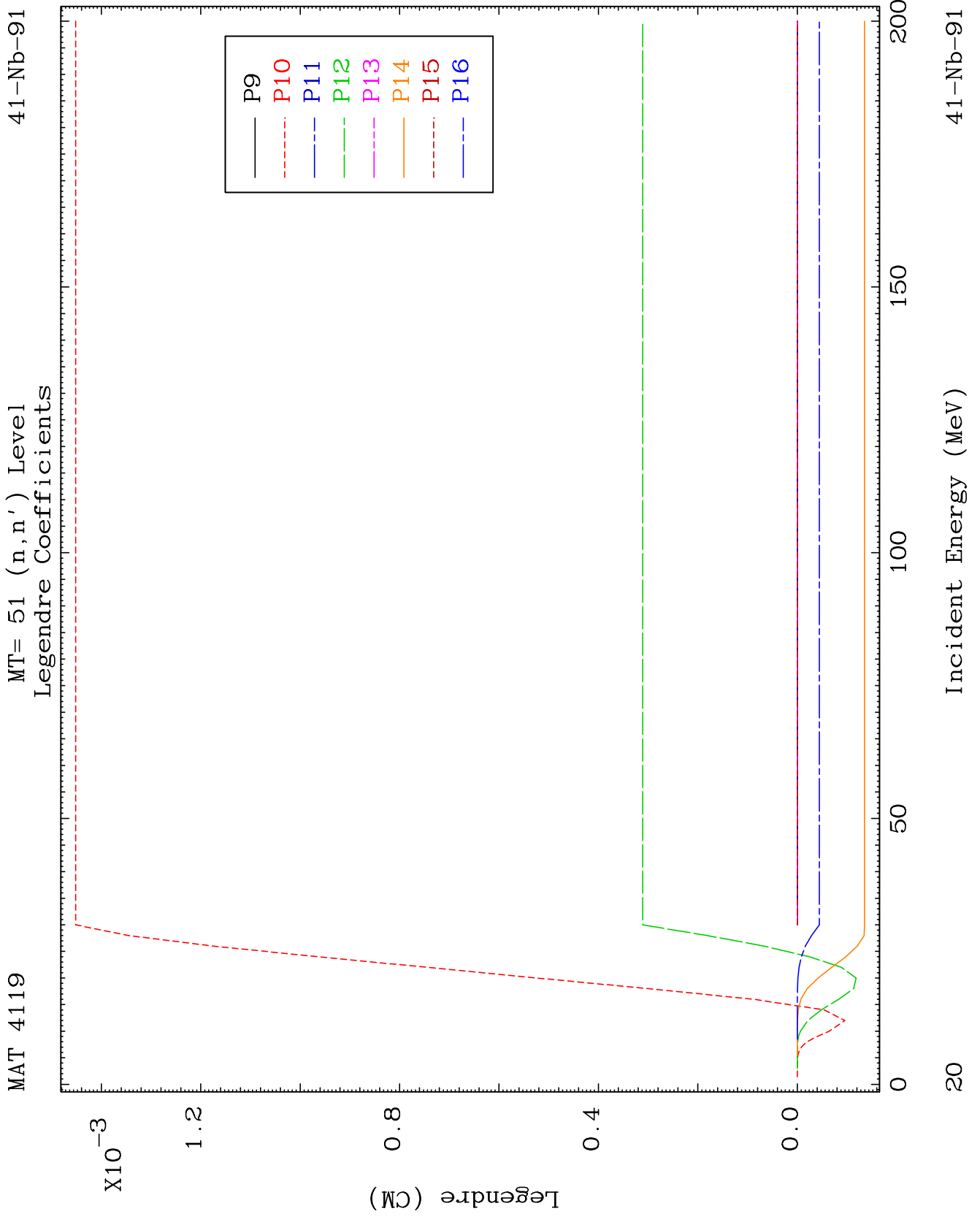
41-Nb-91



19

Incident Energy (MeV)

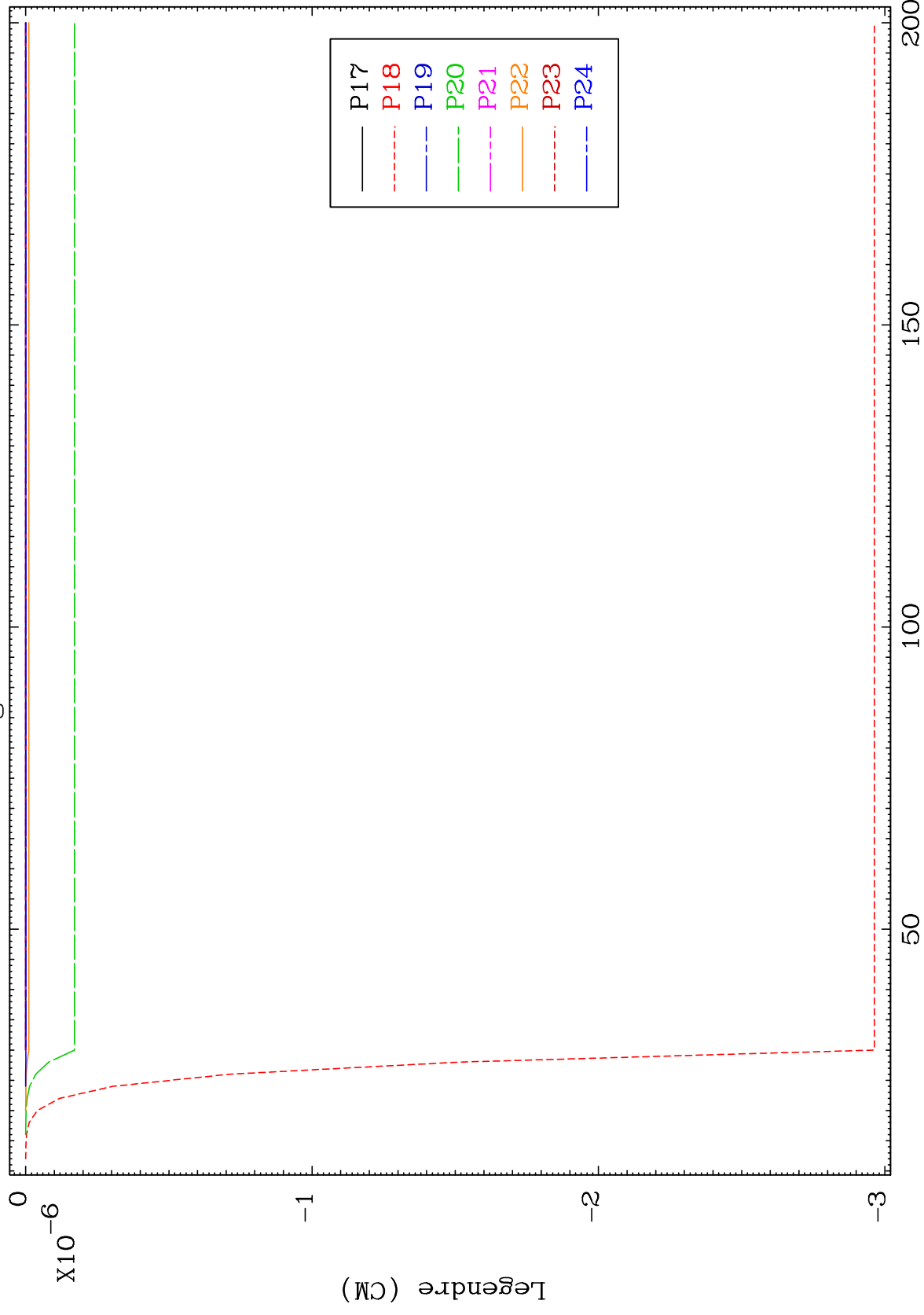
41-Nb-91



MAT 4119

MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-91



21

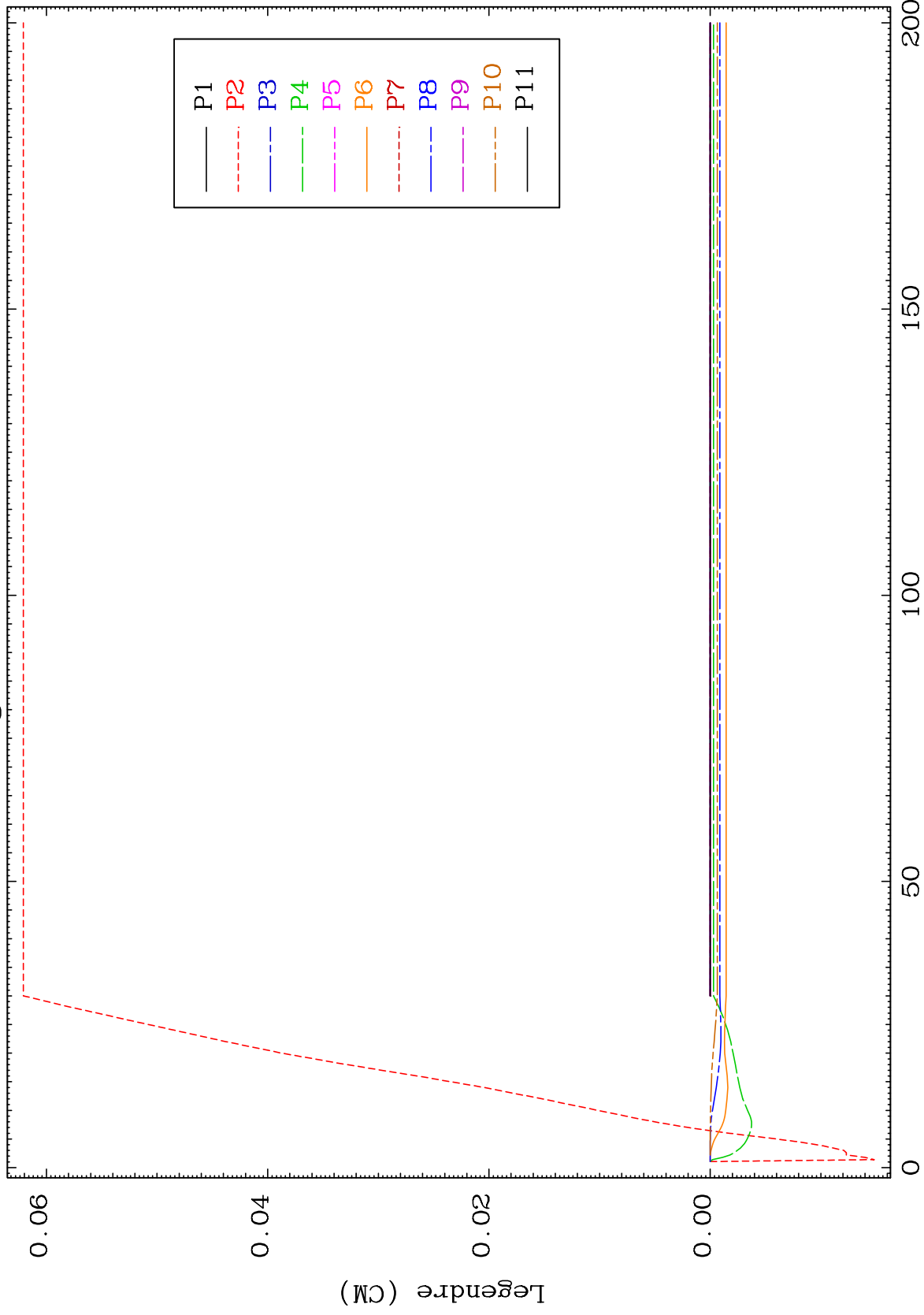
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 52 (n,n') Level
Legendre Coefficients

41-Nb-91



22

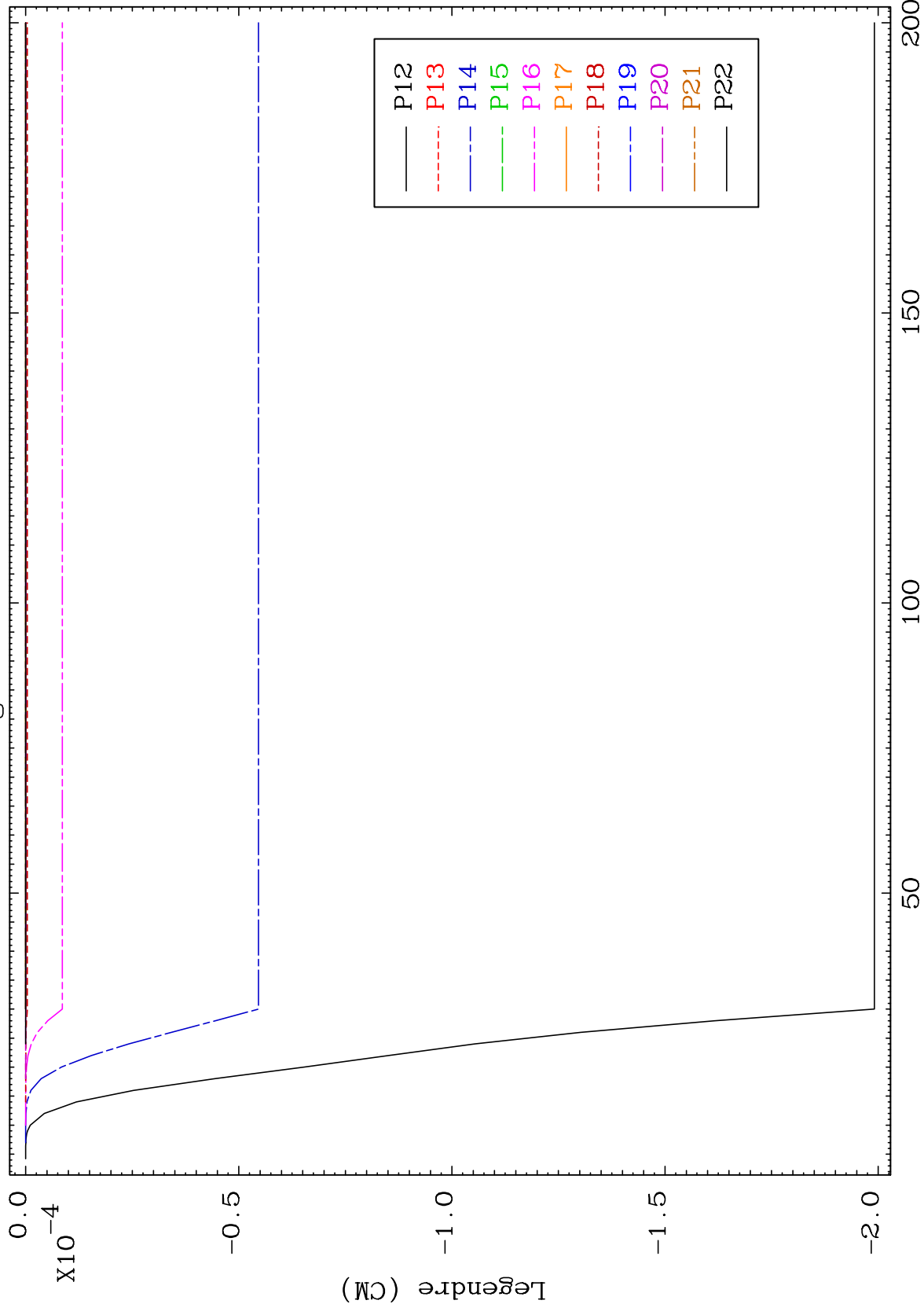
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 52 (n,n') Level
Legendre Coefficients

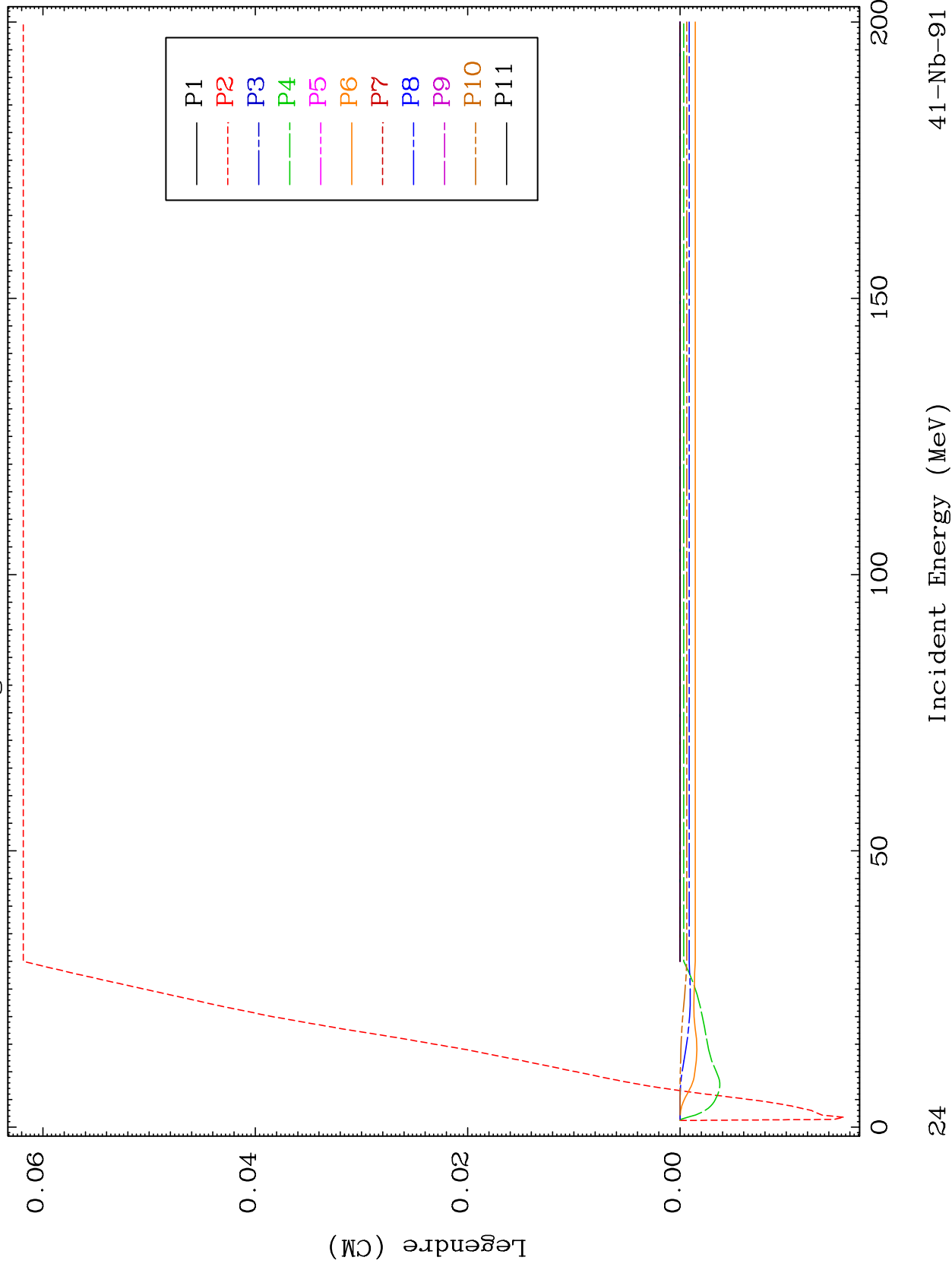
41-Nb-91



MAT 4119

MT= 53 (n,n') Level
Legendre Coefficients

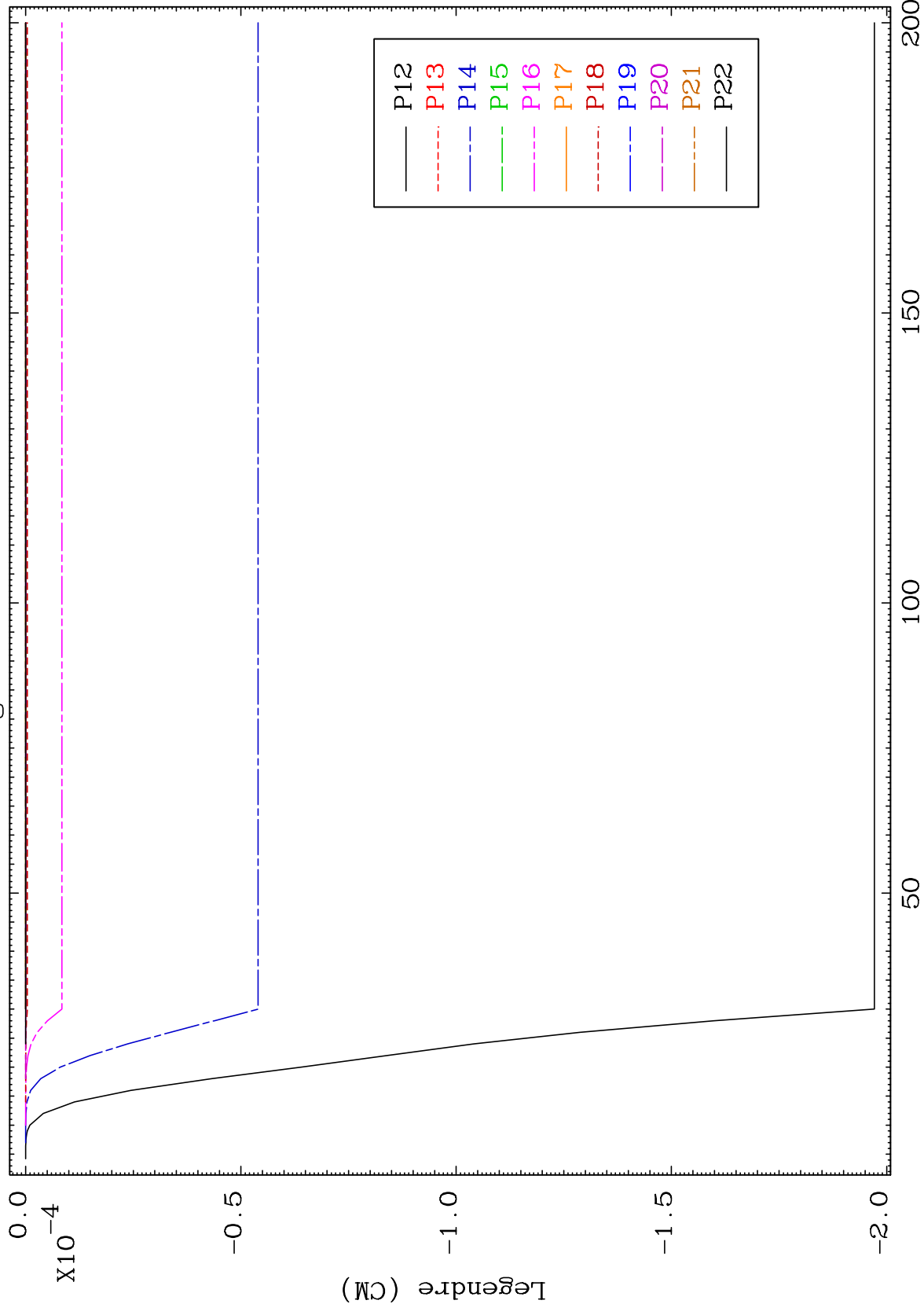
41-Nb-91



MAT 4119

MT= 53 (n,n') Level
Legendre Coefficients

41-Nb-91



25

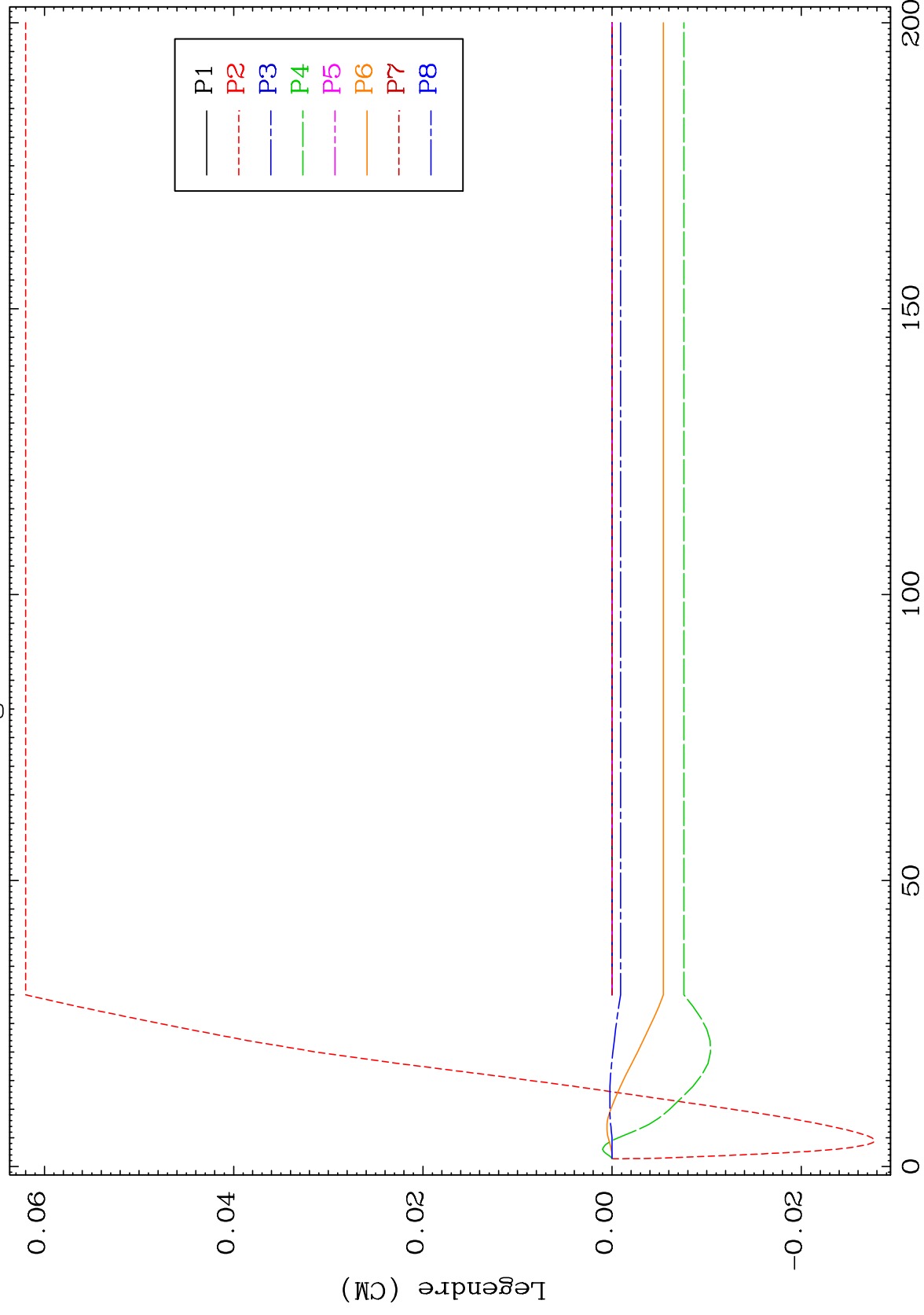
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 54 (n,n') Level
Legendre Coefficients

41-Nb-91



26

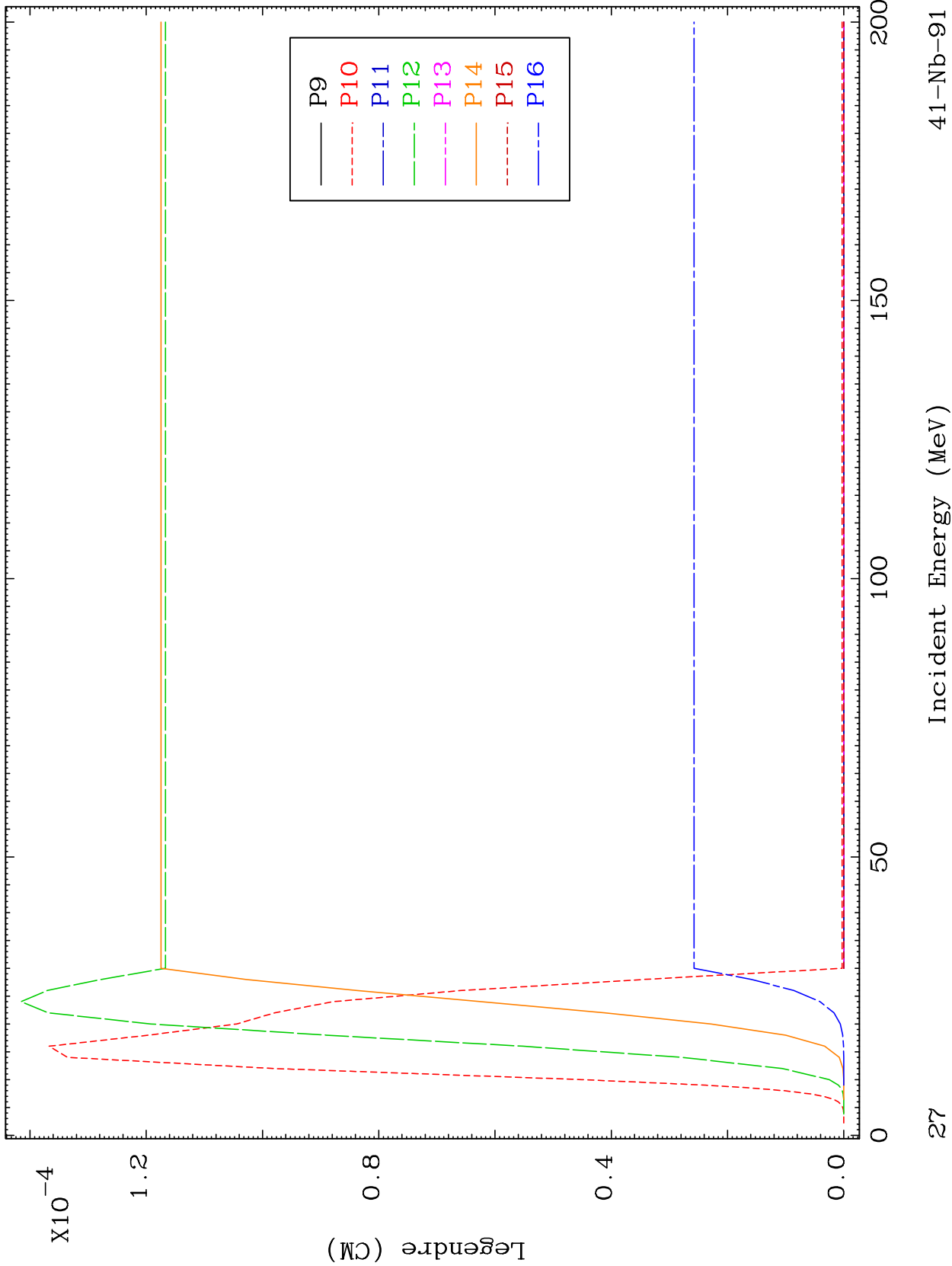
Incident Energy (MeV)

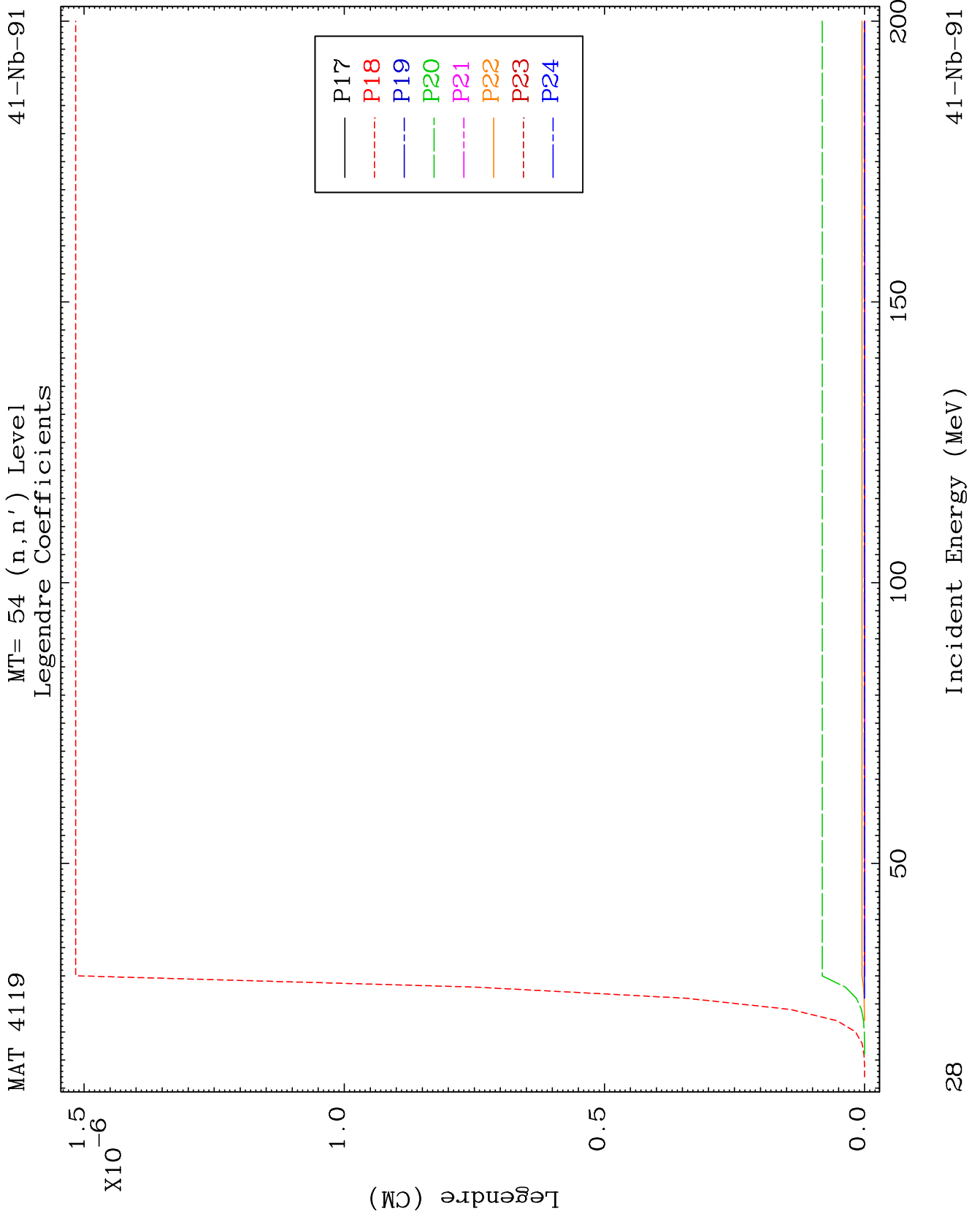
41-Nb-91

MAT 4119

MT= 54 (n,n') Level
Legendre Coefficients

41-Nb-91

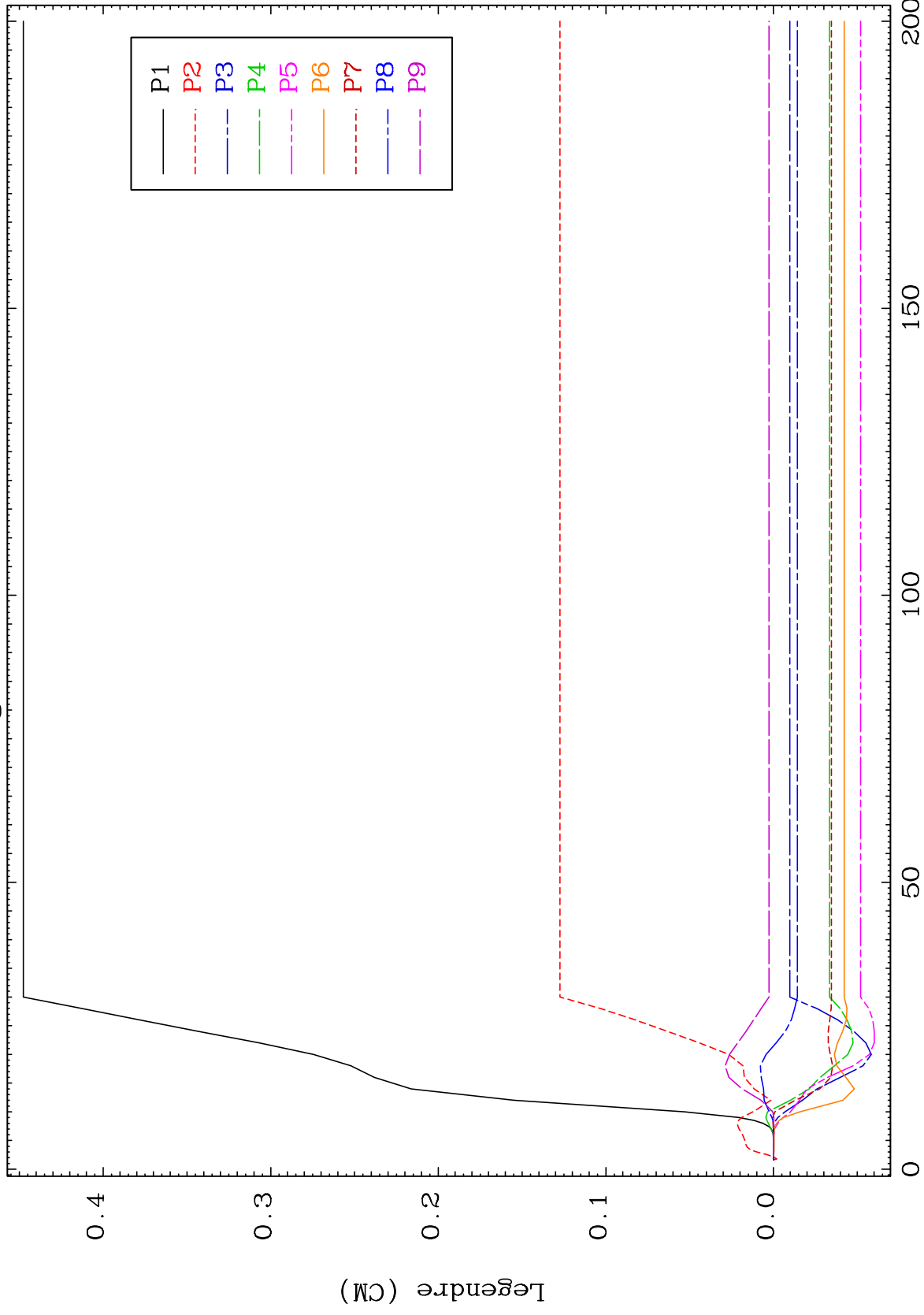




MAT 4119

MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-91



29

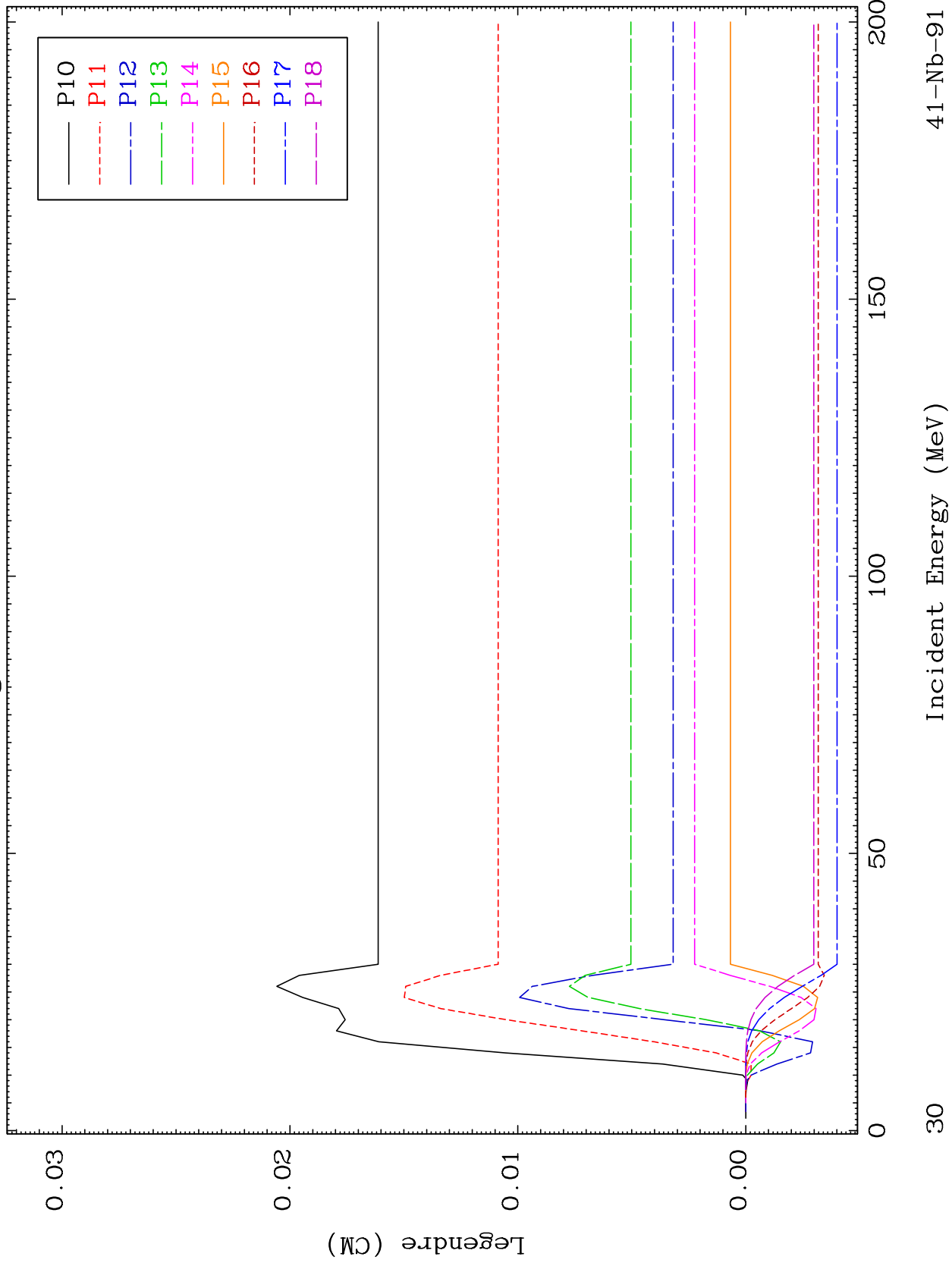
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 55 (n,n') Level
Legendre Coefficients

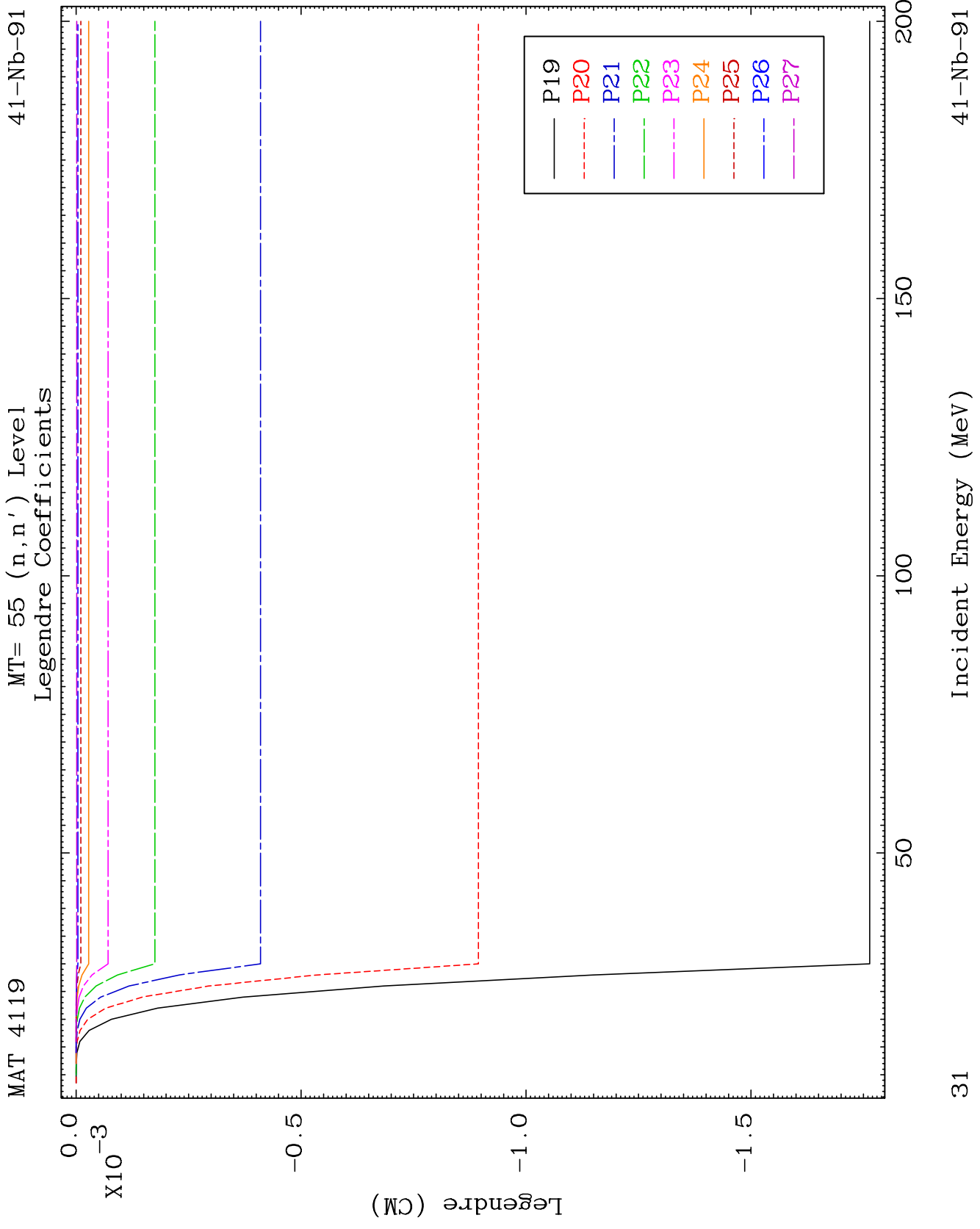
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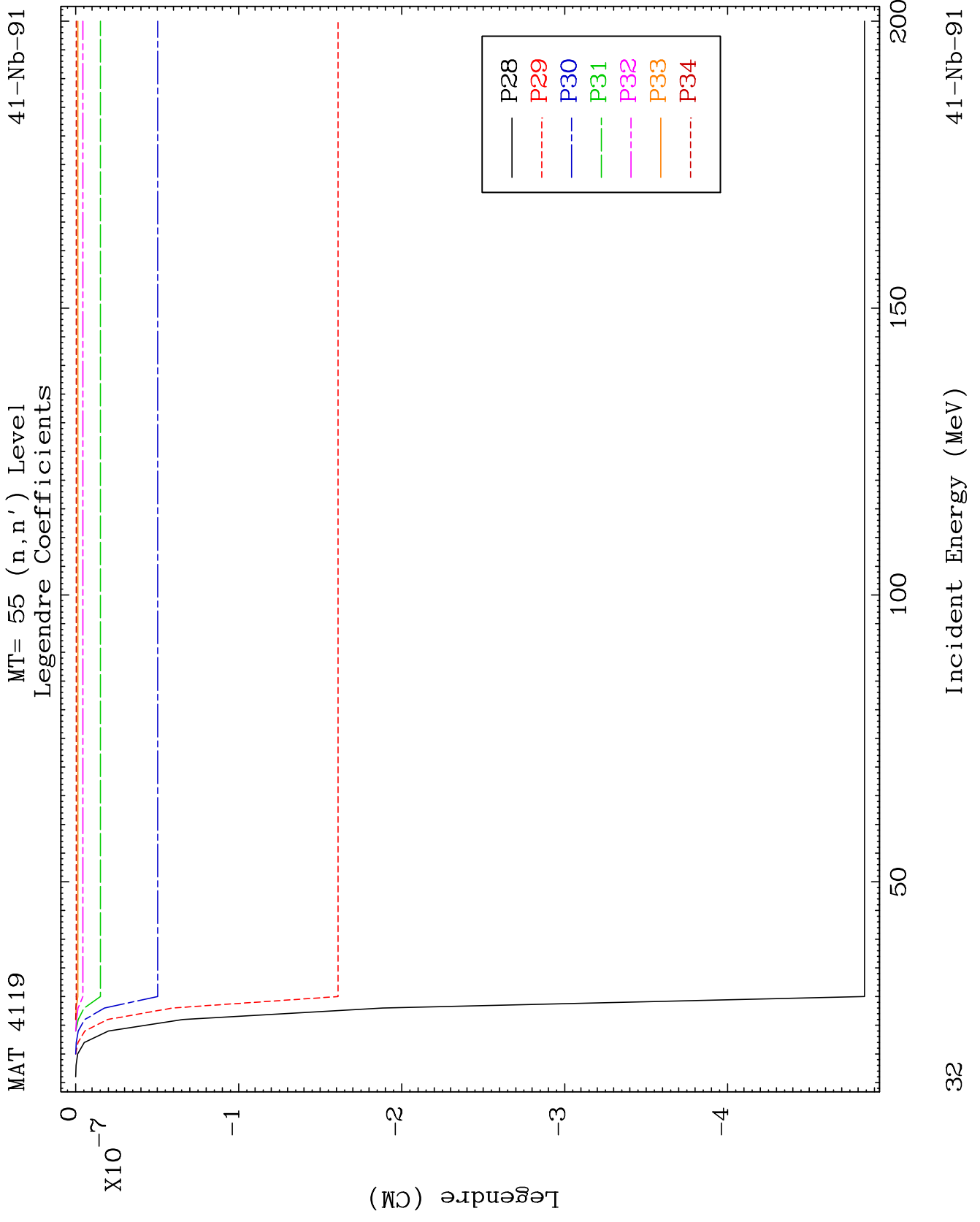


41-Nb-91

Incident Energy (MeV)

30

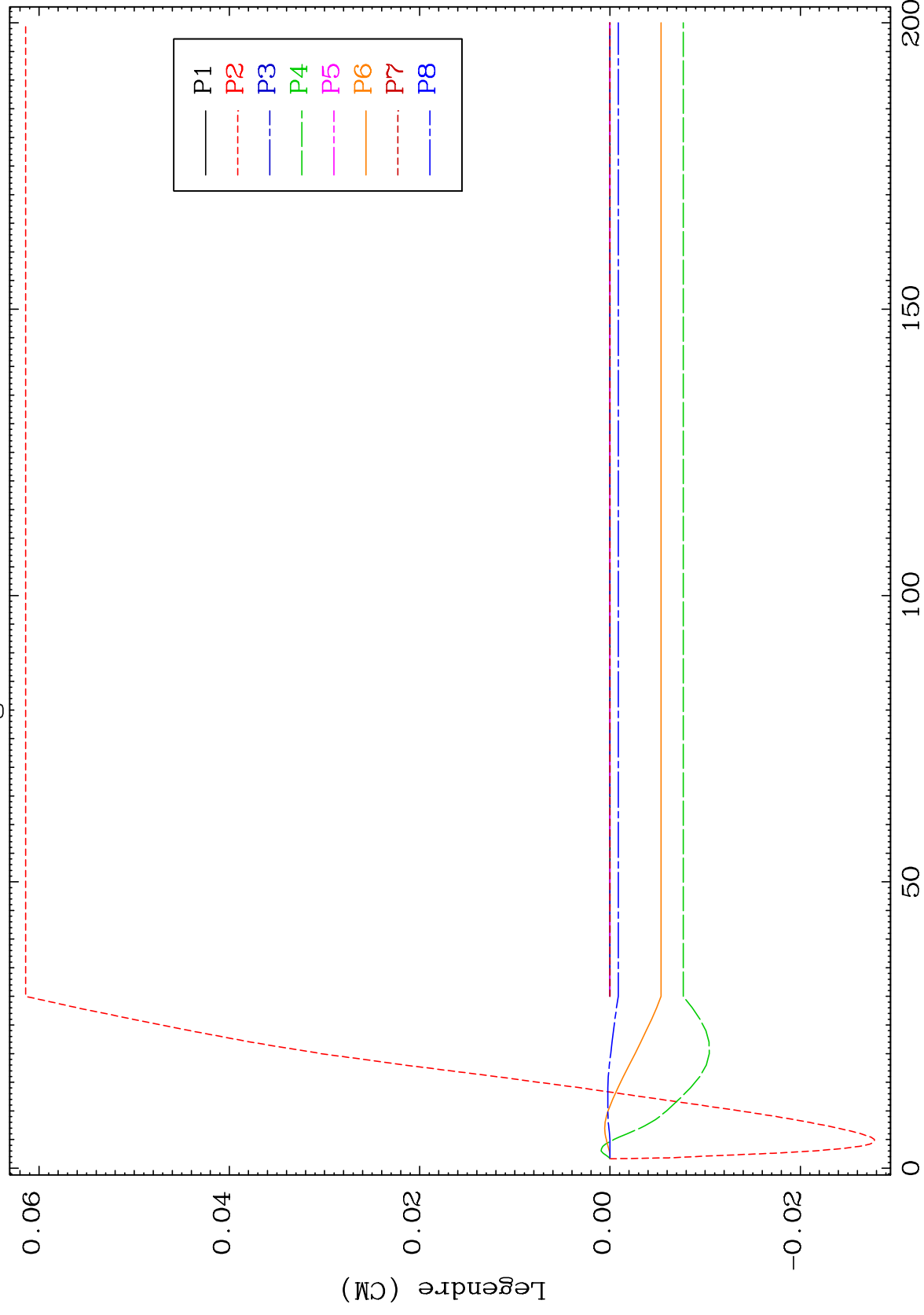




MAT 4119

MT= 56 (n,n') Level
Legendre Coefficients

41-Nb-91



33

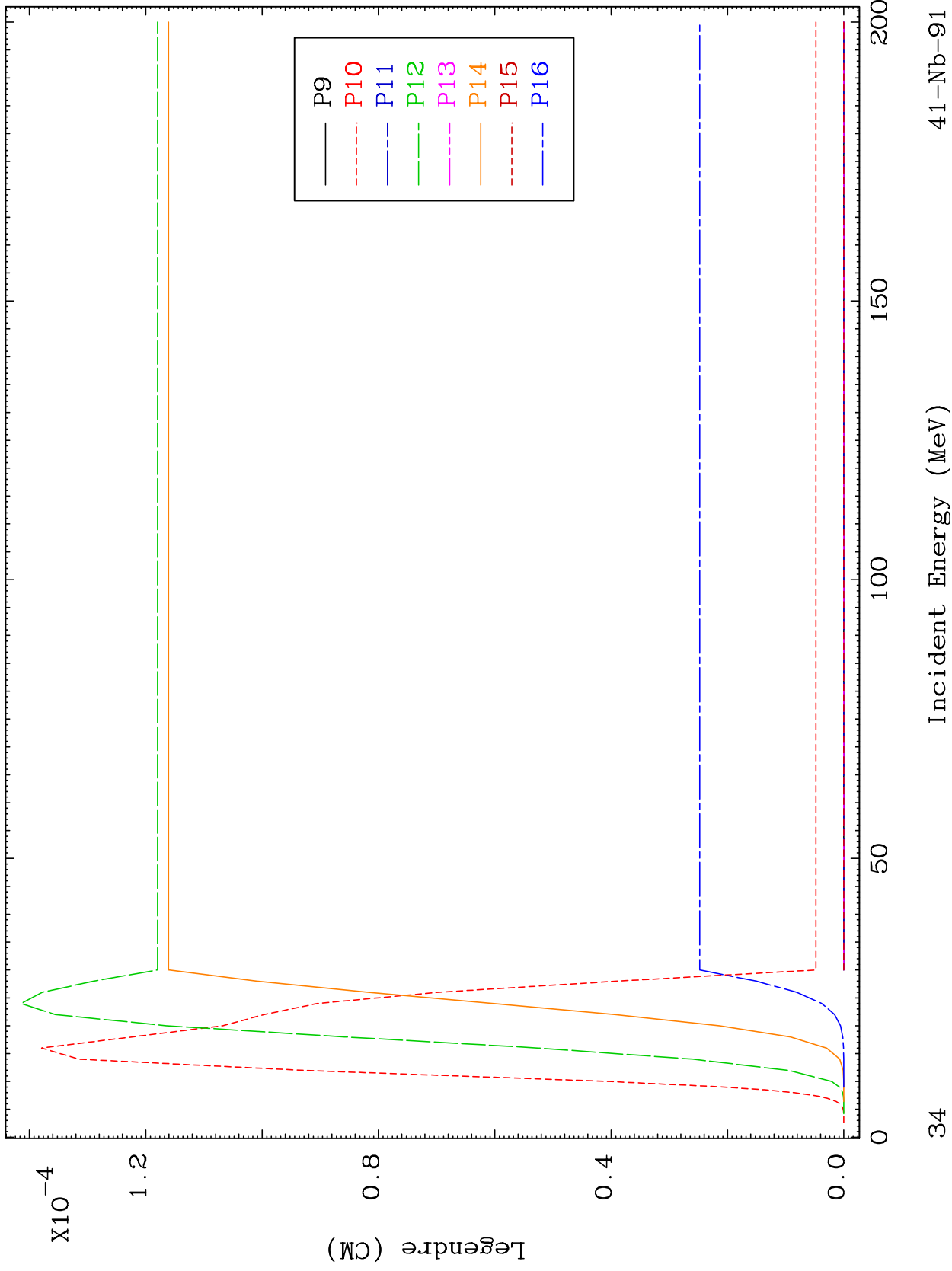
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 56 (n,n') Level
Legendre Coefficients

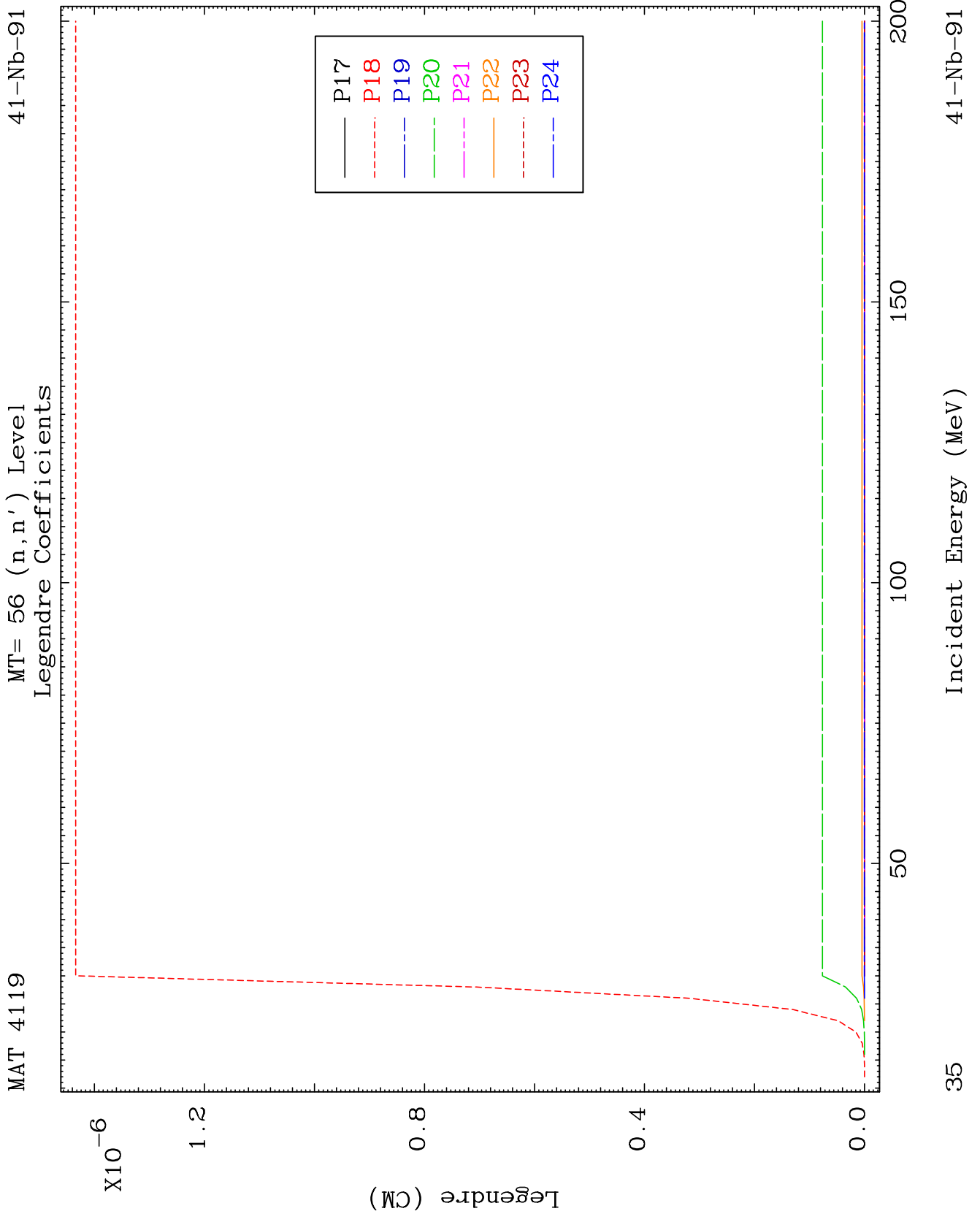
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34

Incident Energy (MeV)

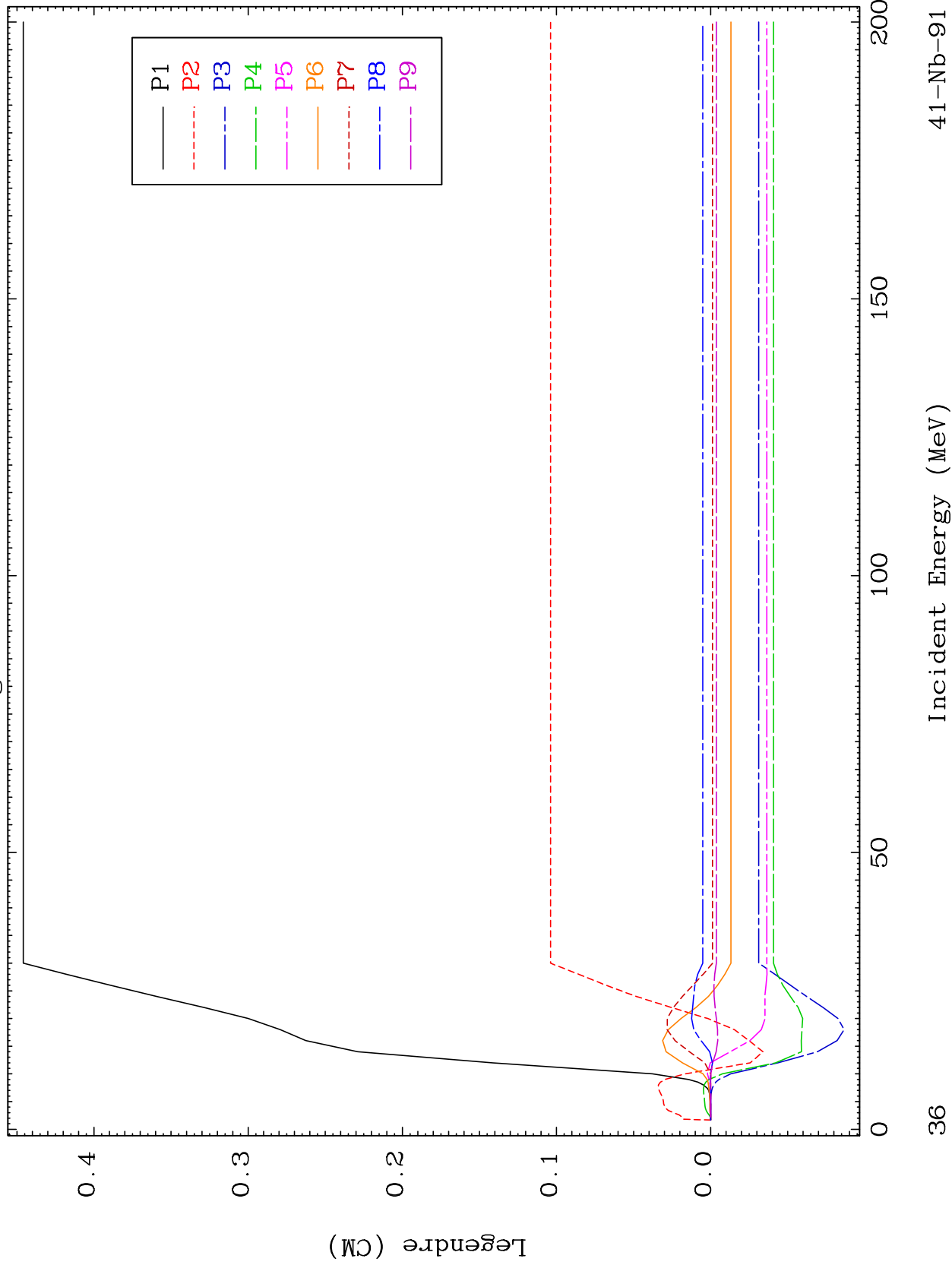
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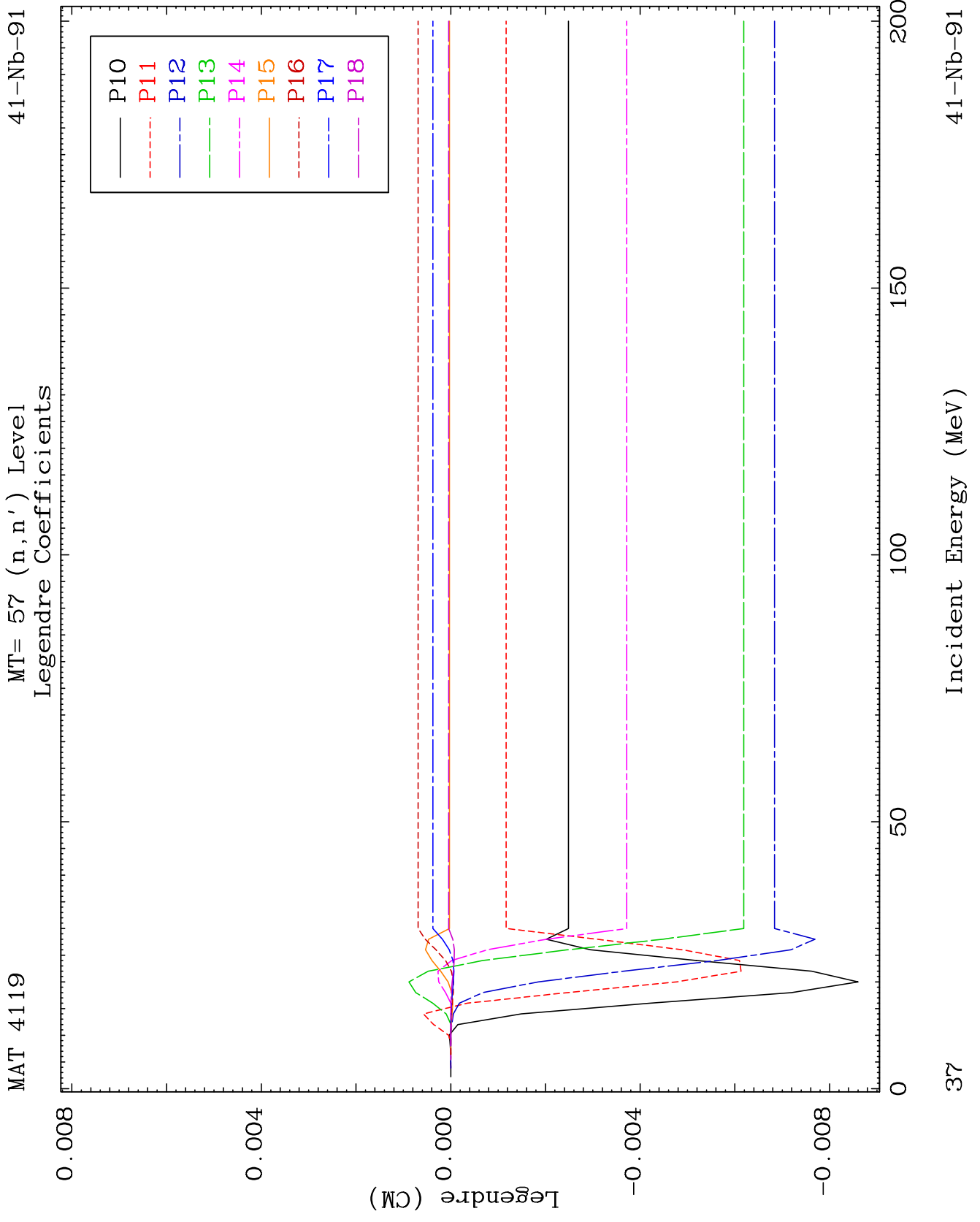
MAT 4119

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-91



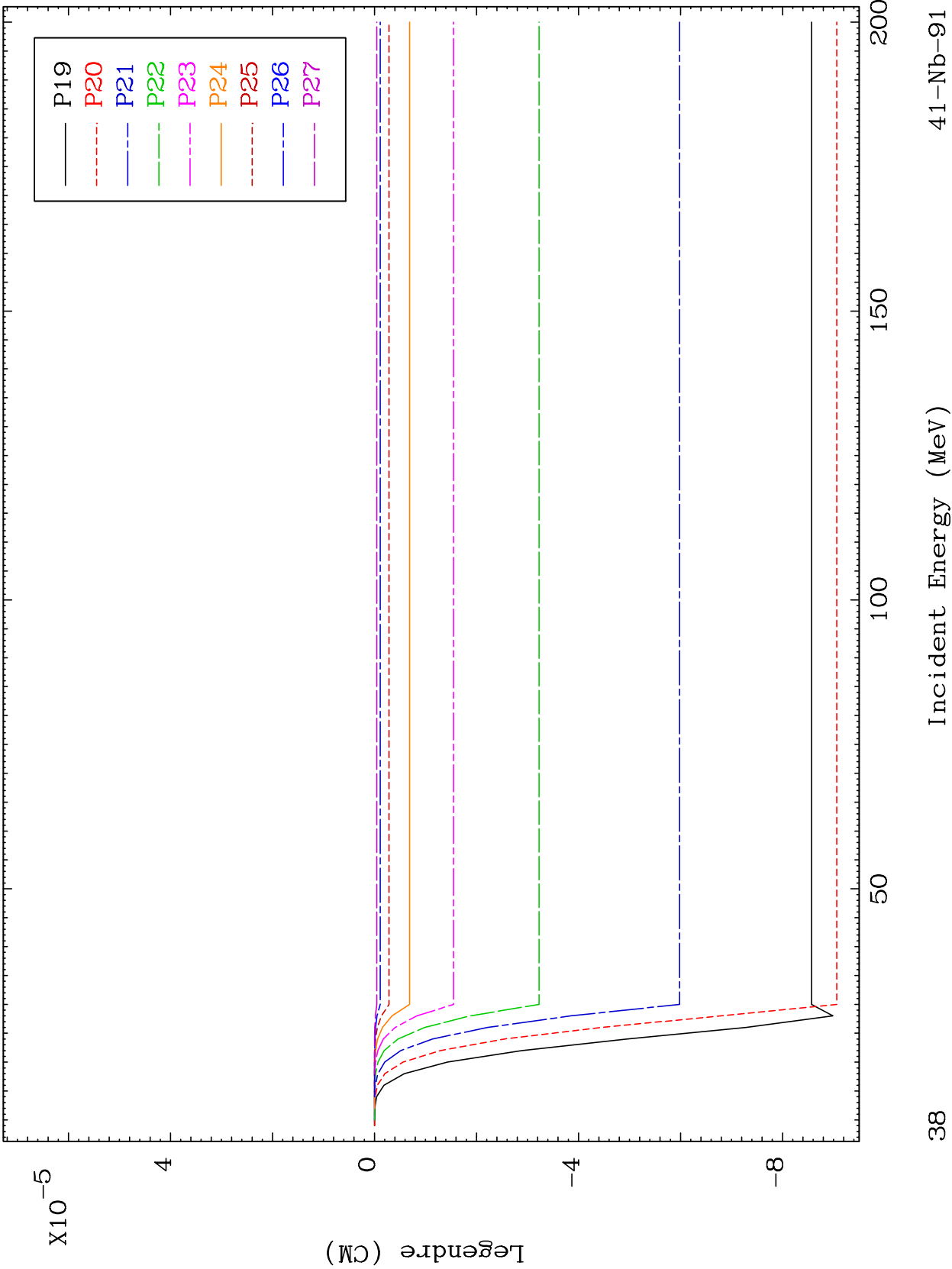
36



MAT 4119

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-91



38

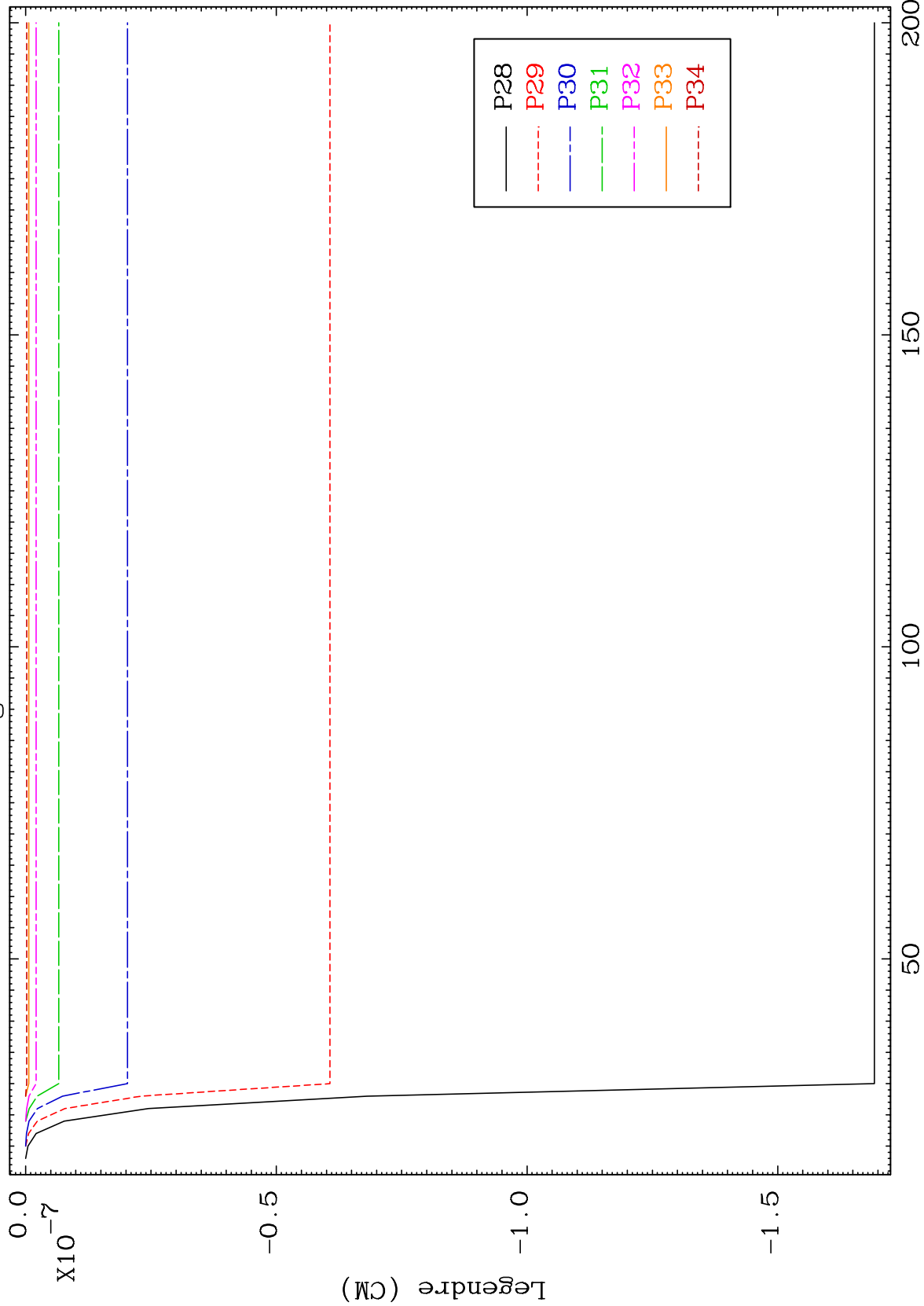
41-Nb-91

MAT 4119

MT= 57 (n,n') Level

41-Nb-91

Legendre Coefficients



39

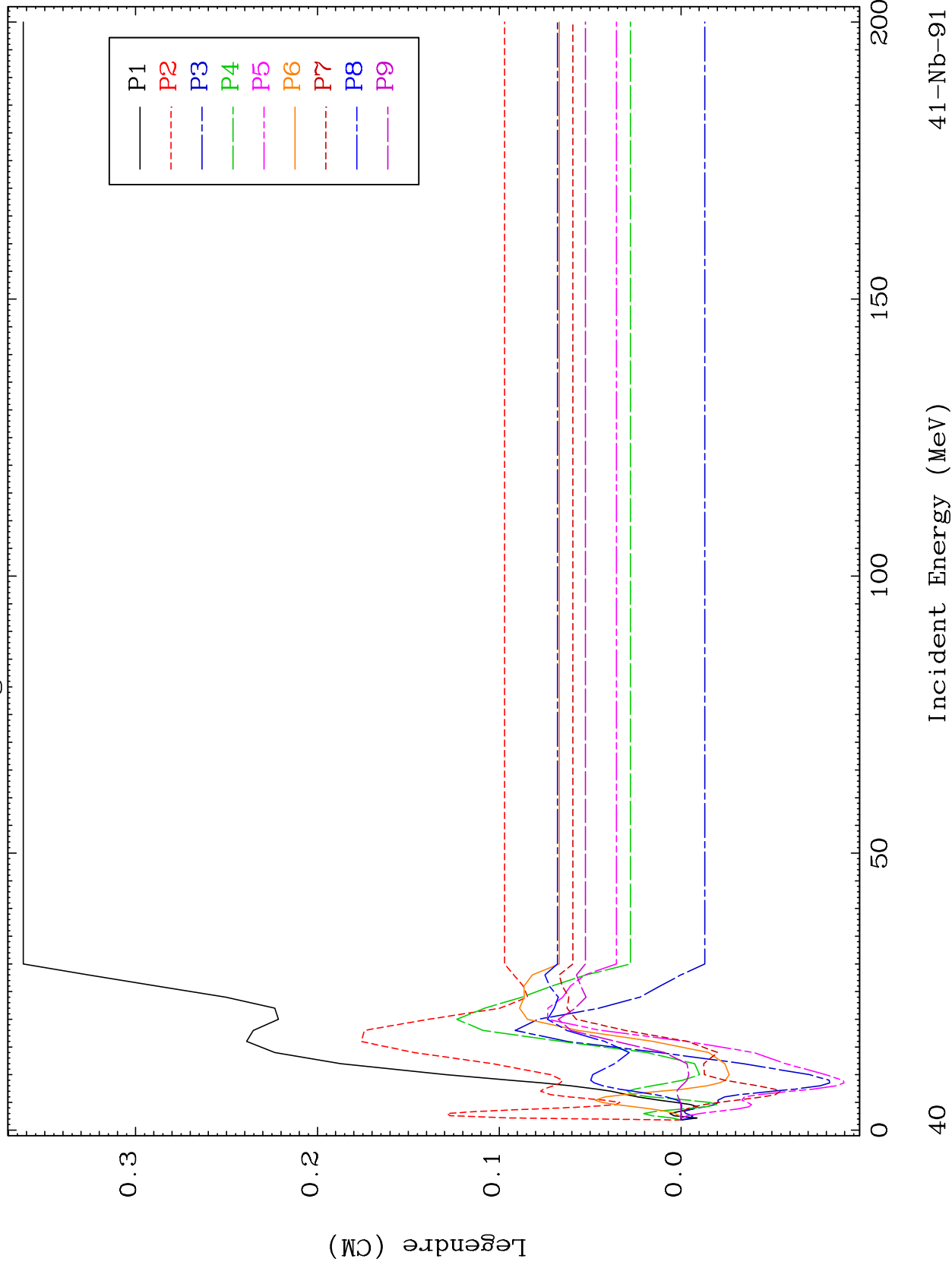
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 58 (n,n') Level
Legendre Coefficients

41-Nb-91



41-Nb-91

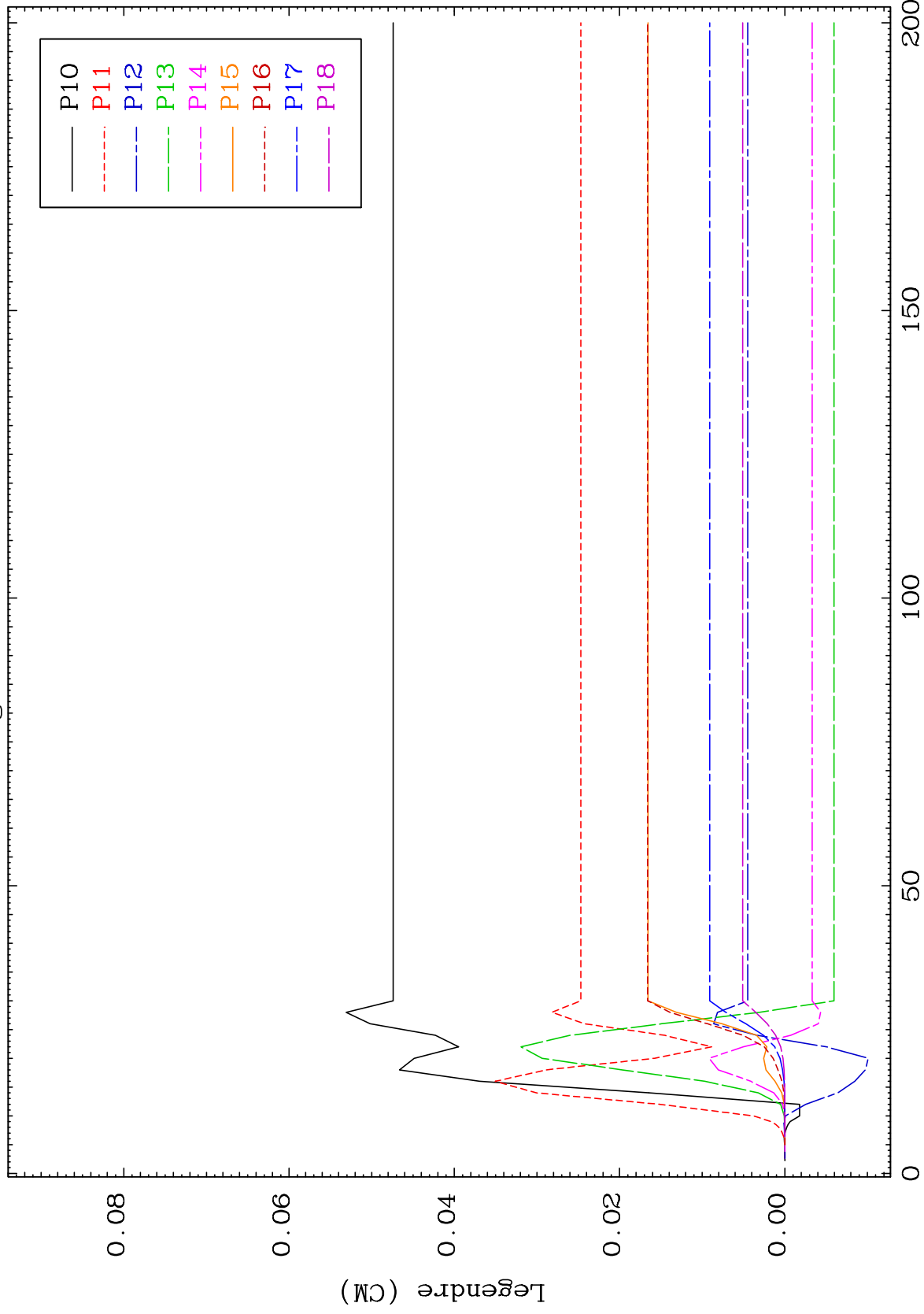
Incident Energy (MeV)

40

MAT 4119

MT= 58 (n,n') Level
Legendre Coefficients

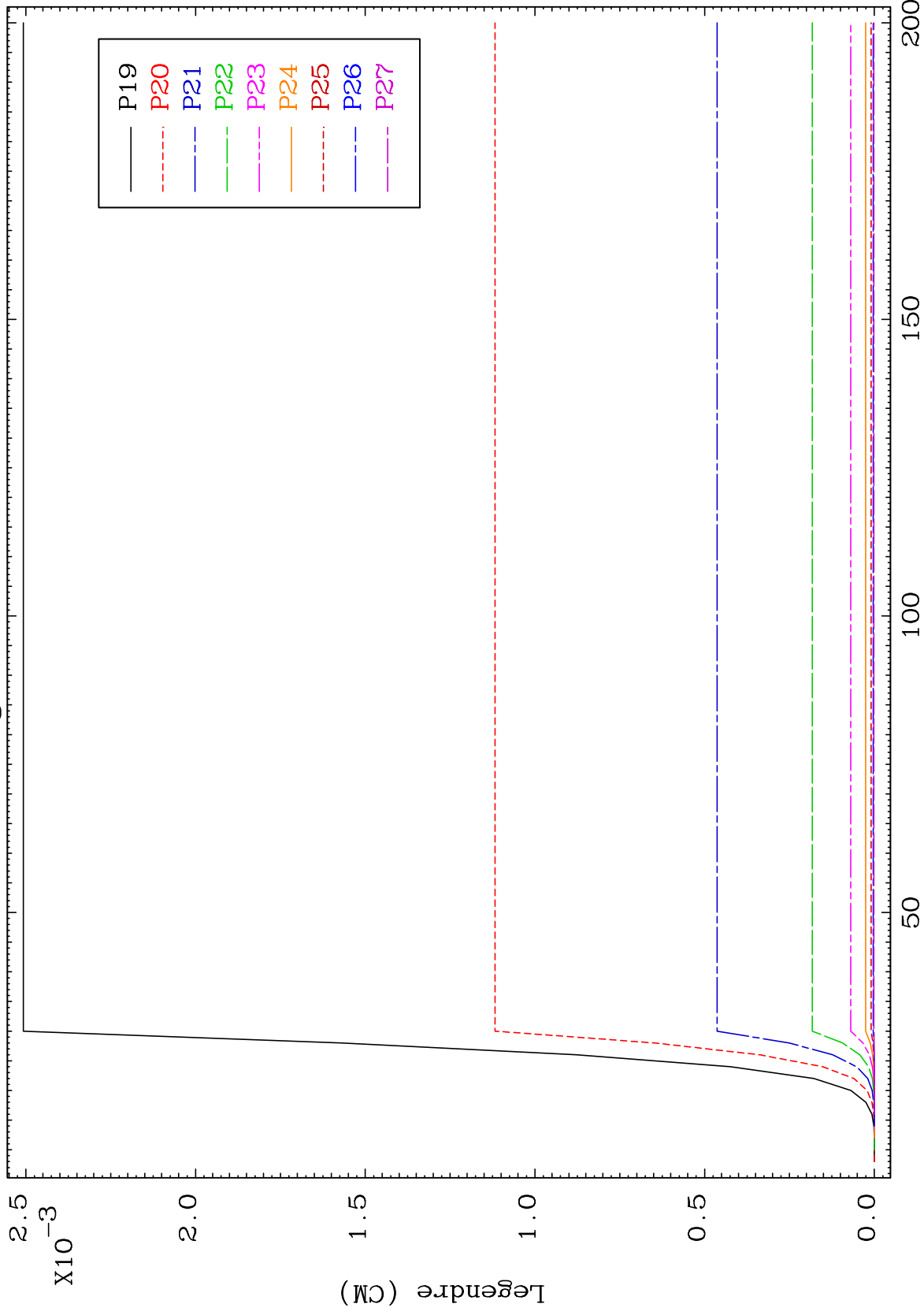
41-Nb-91



41

Incident Energy (MeV)

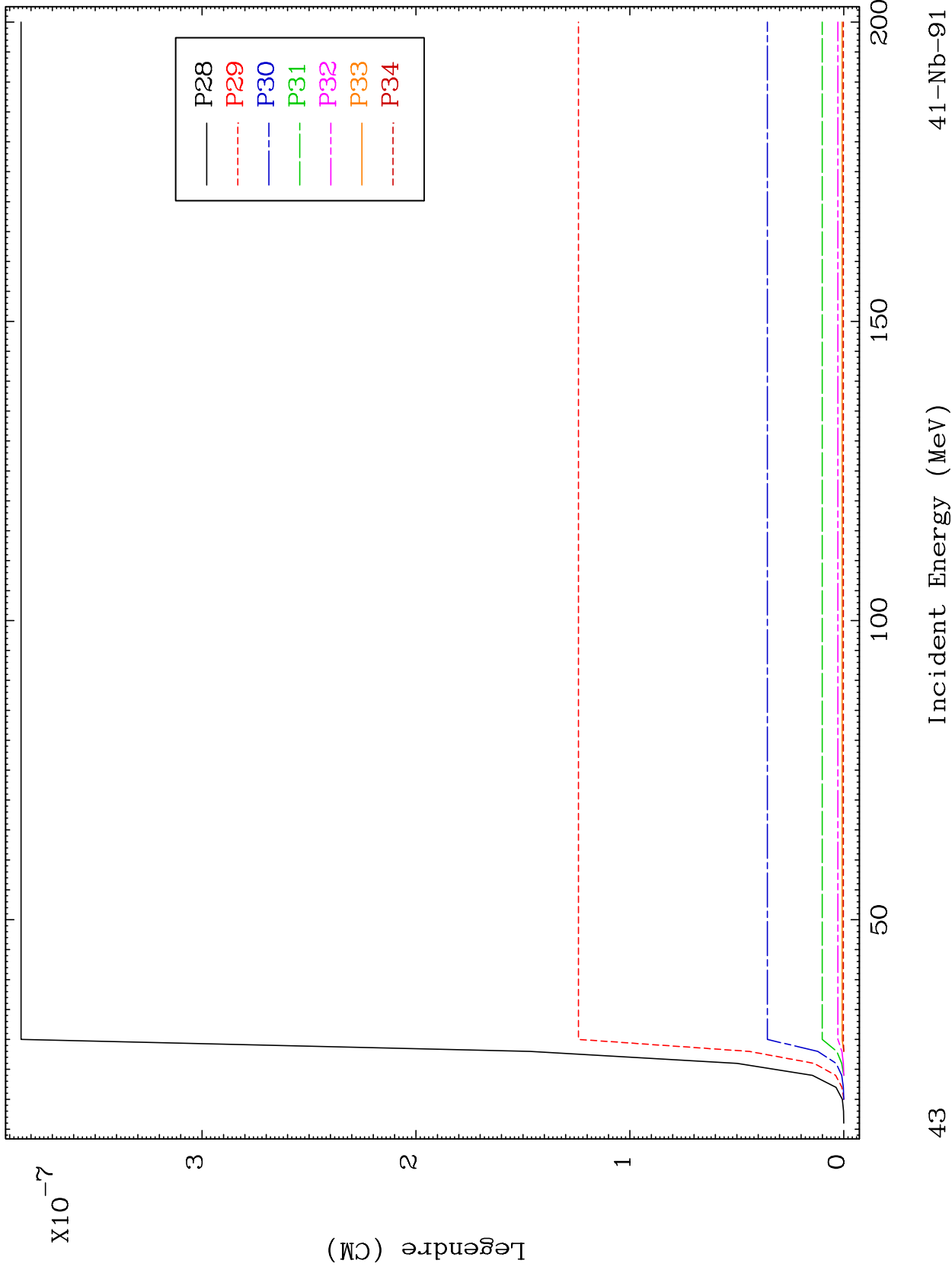
41-Nb-91



MAT 4119

MT= 58 (n,n') Level
Legendre Coefficients

41-Nb-91



43

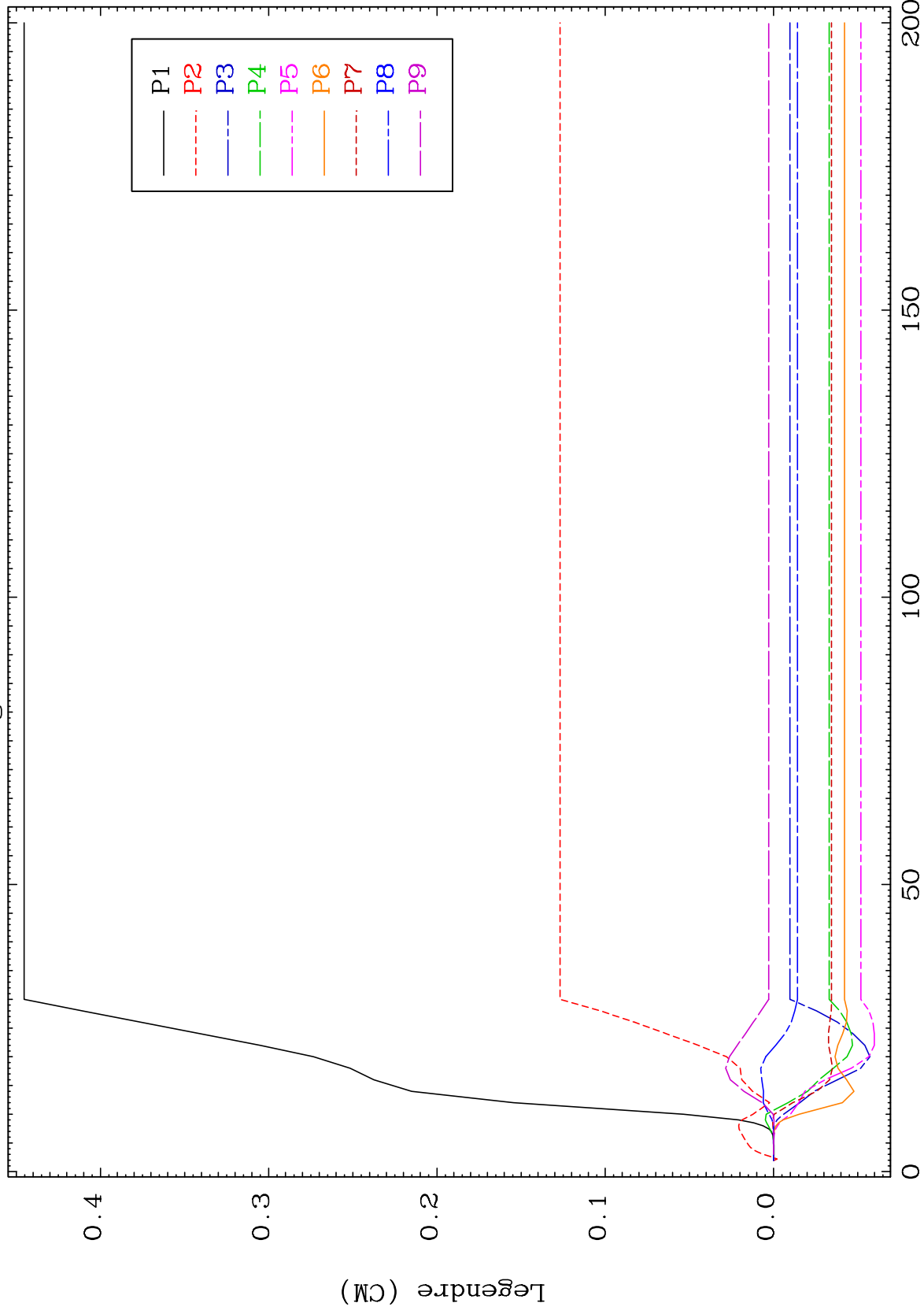
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 60 (n,n') Level
Legendre Coefficients

41-Nb-91



46

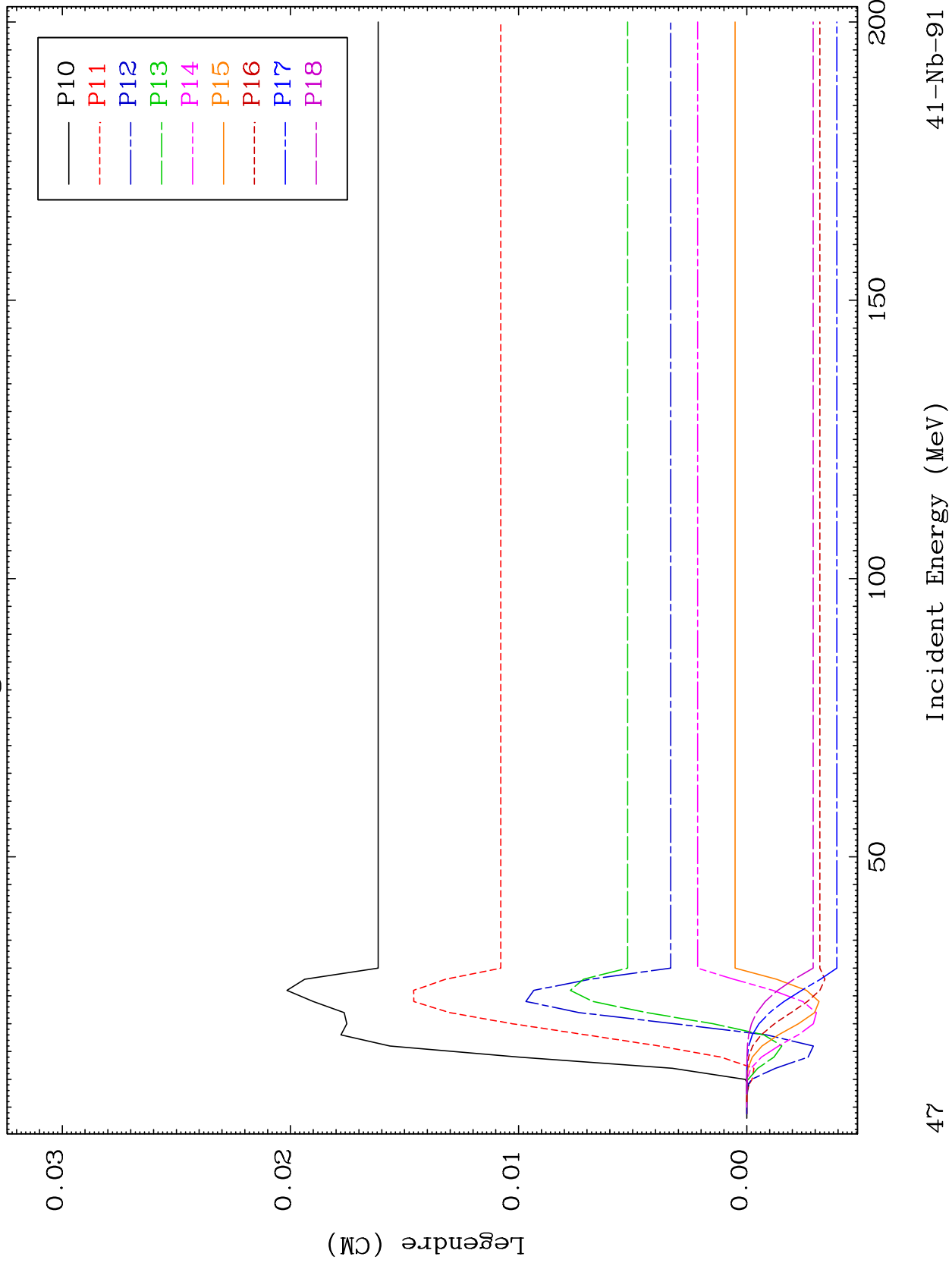
Incident Energy (MeV)

41-Nb-91

MAT 4119

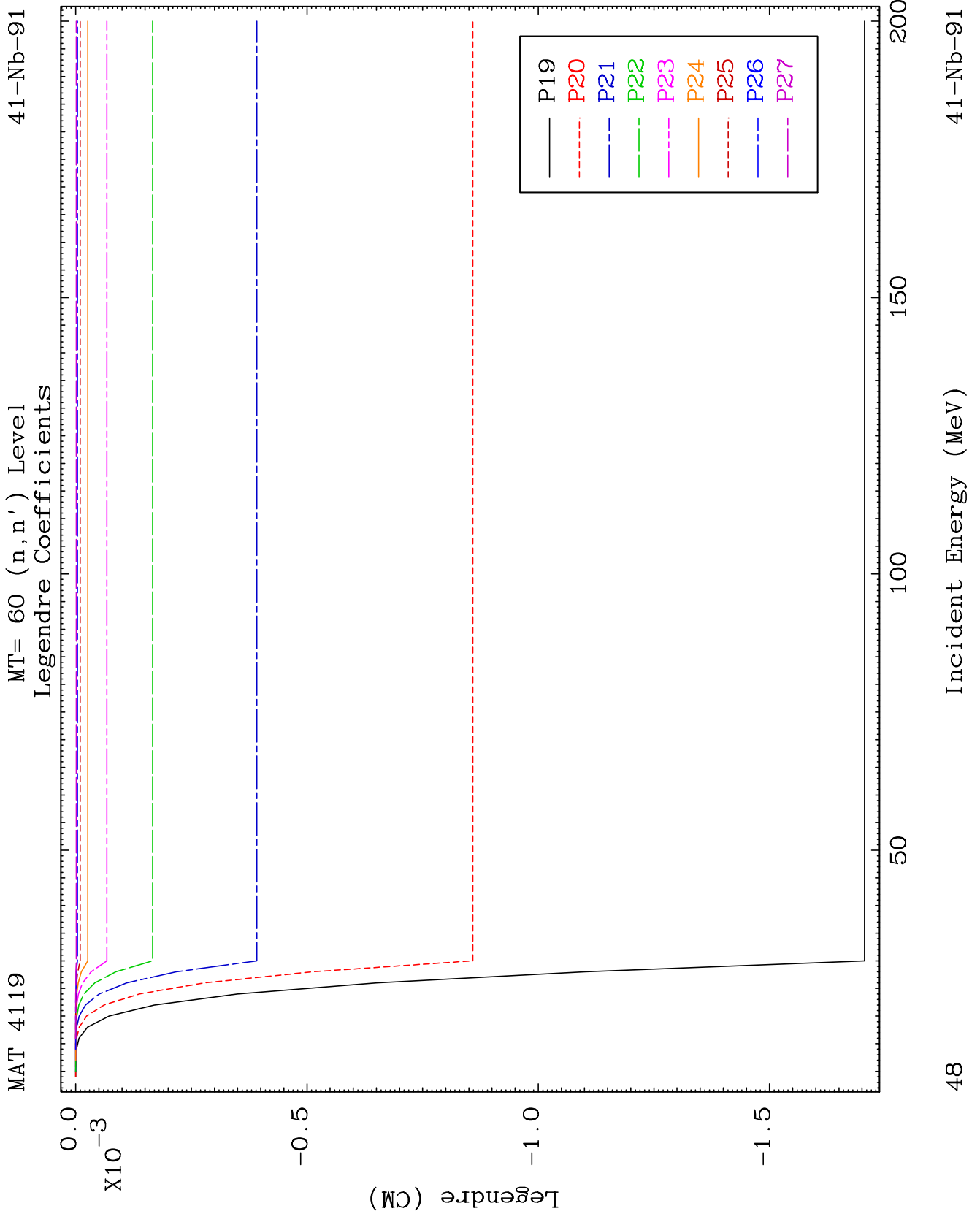
MT= 60 (n,n') Level
Legendre Coefficients

41-Nb-91



47

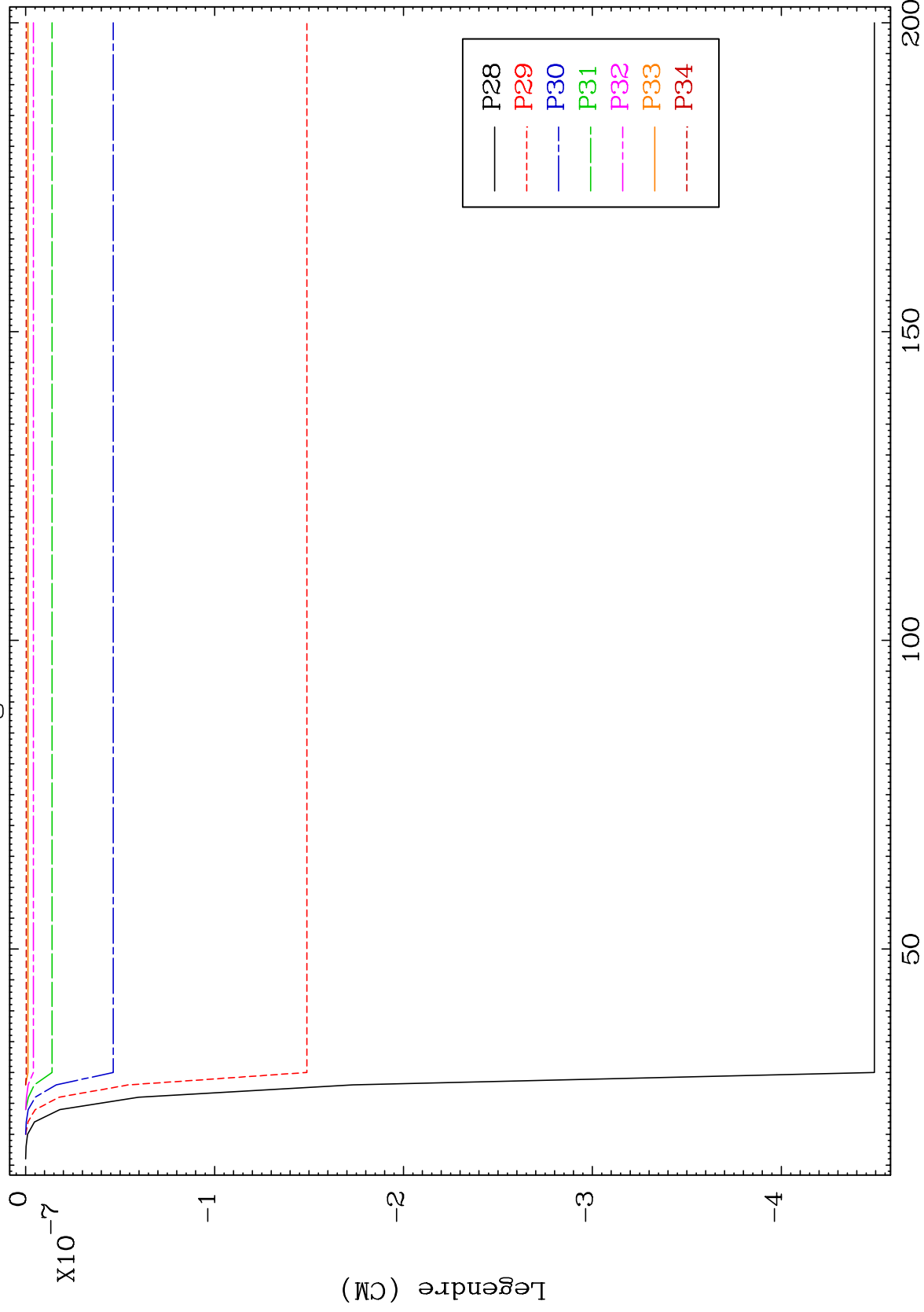
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MAT 4119

MT= 60 (n,n') Level
Legendre Coefficients

41-Nb-91



49

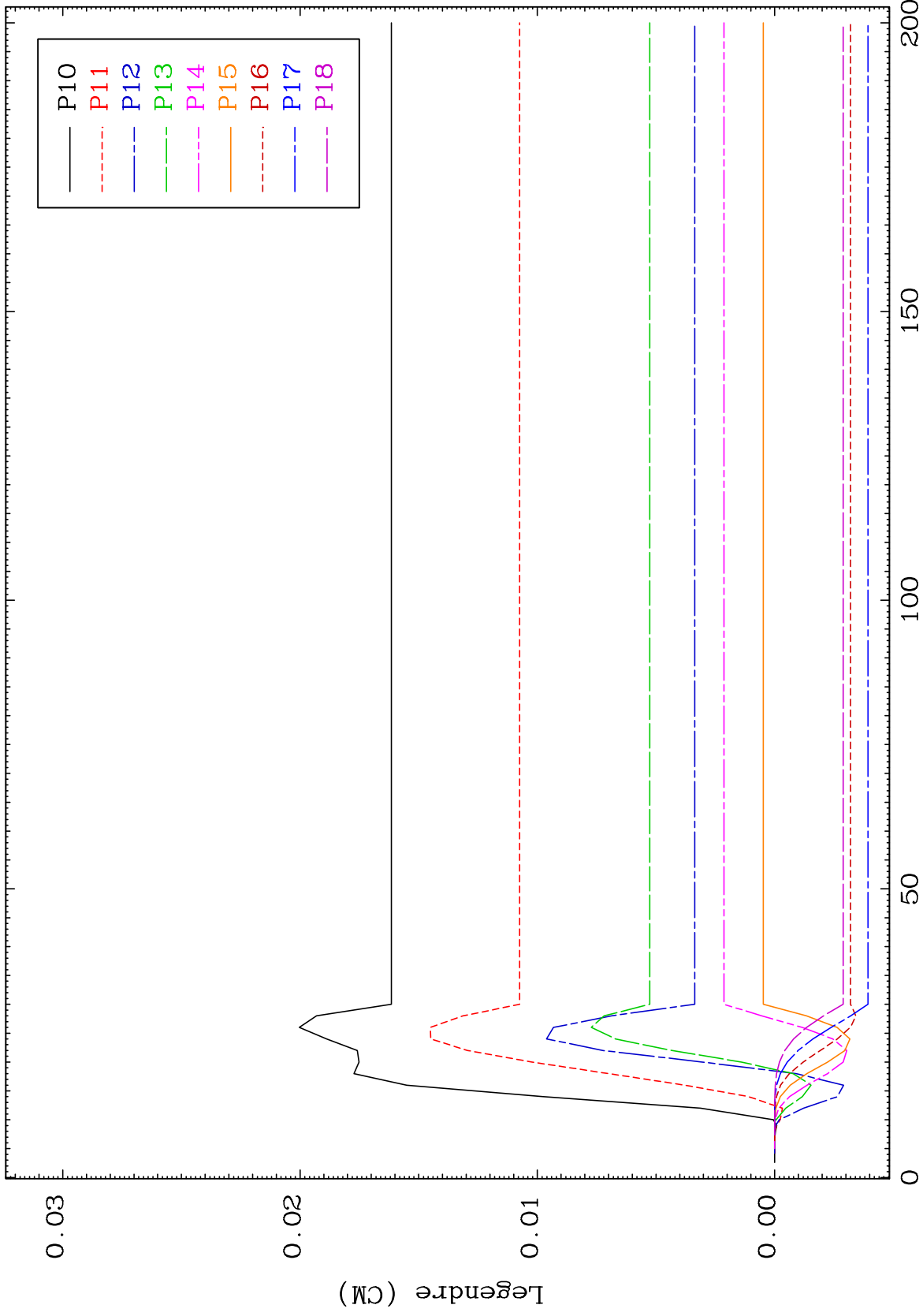
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 61 (n,n') Level
Legendre Coefficients

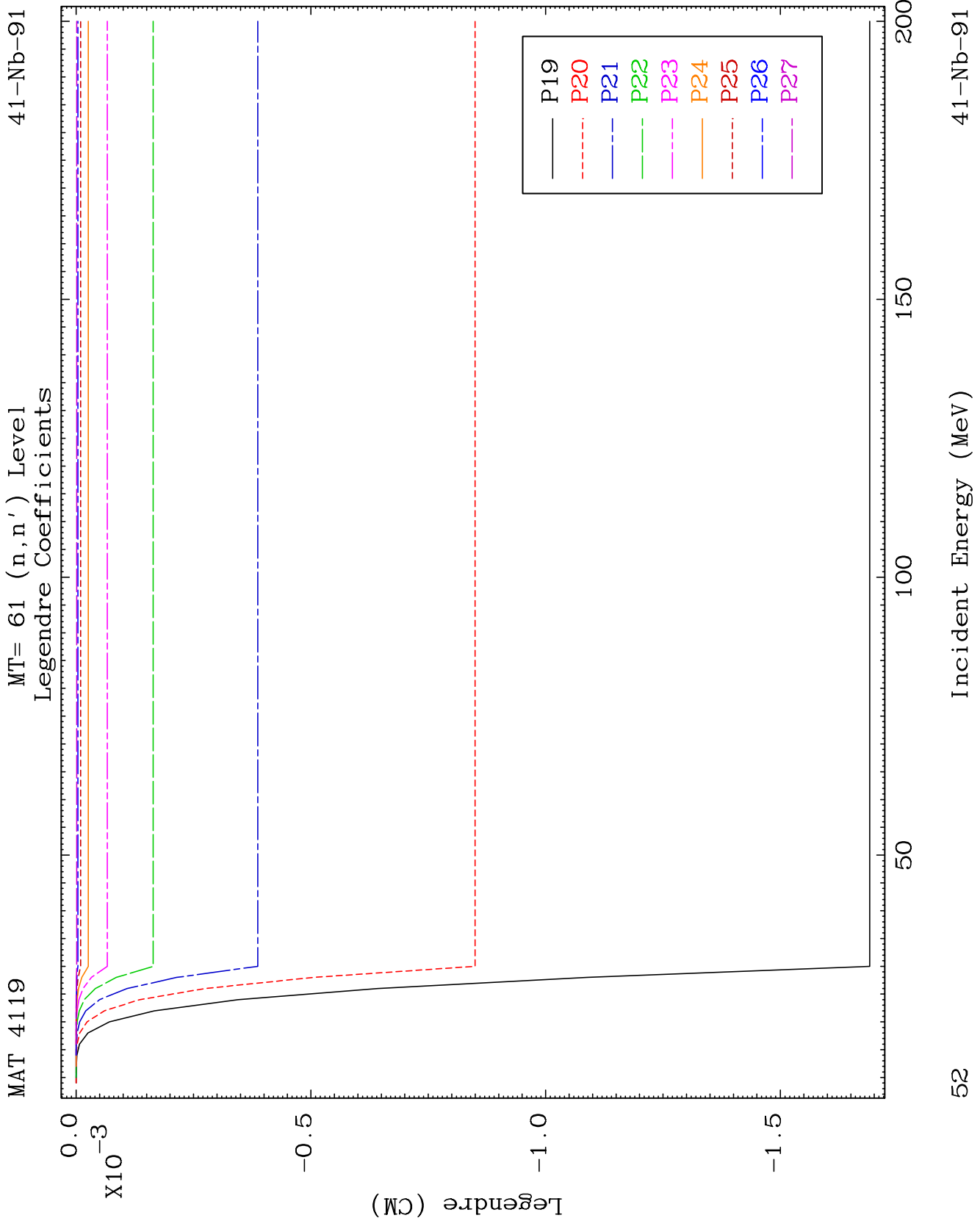
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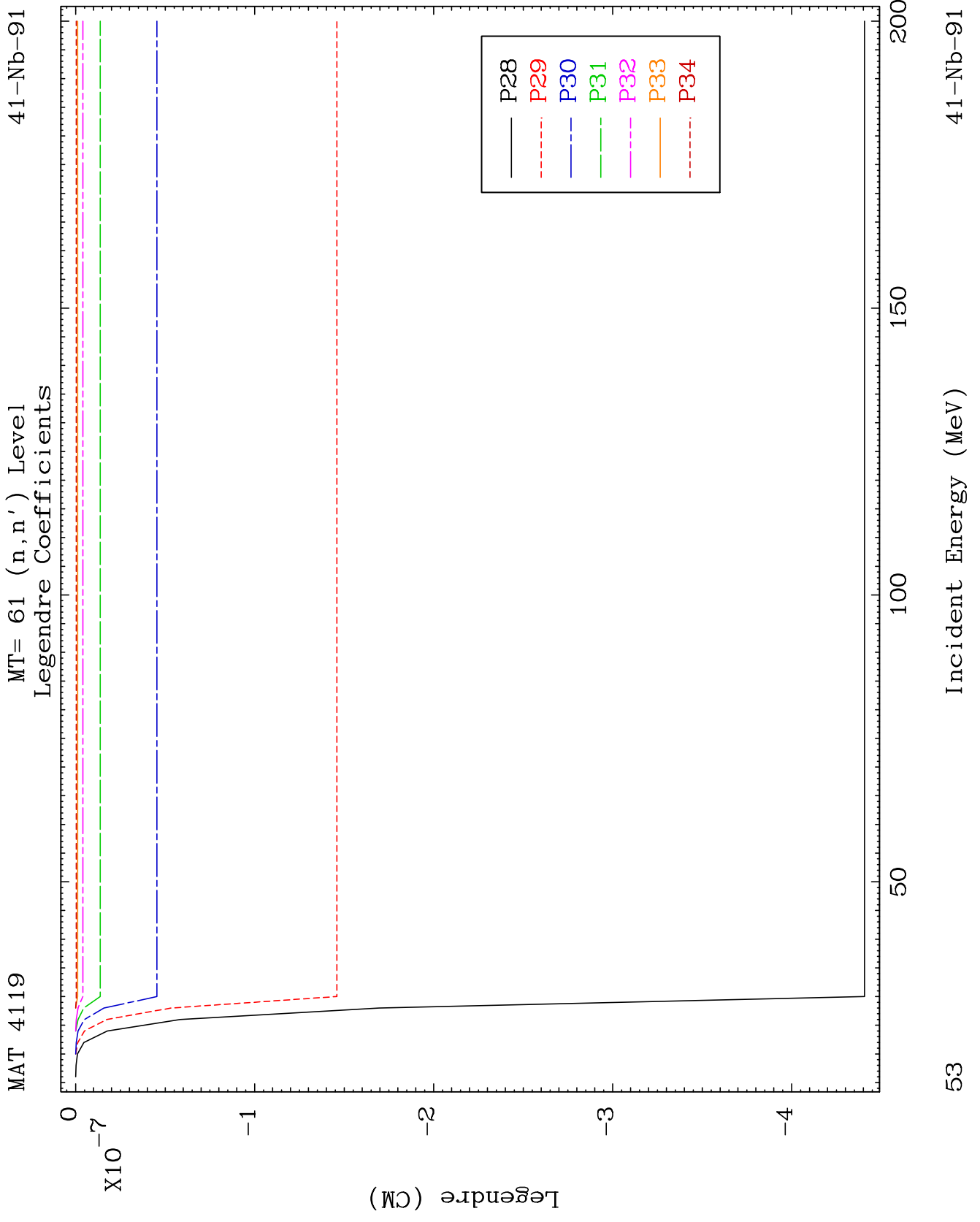


51

Incident Energy (MeV)

41-Nb-91

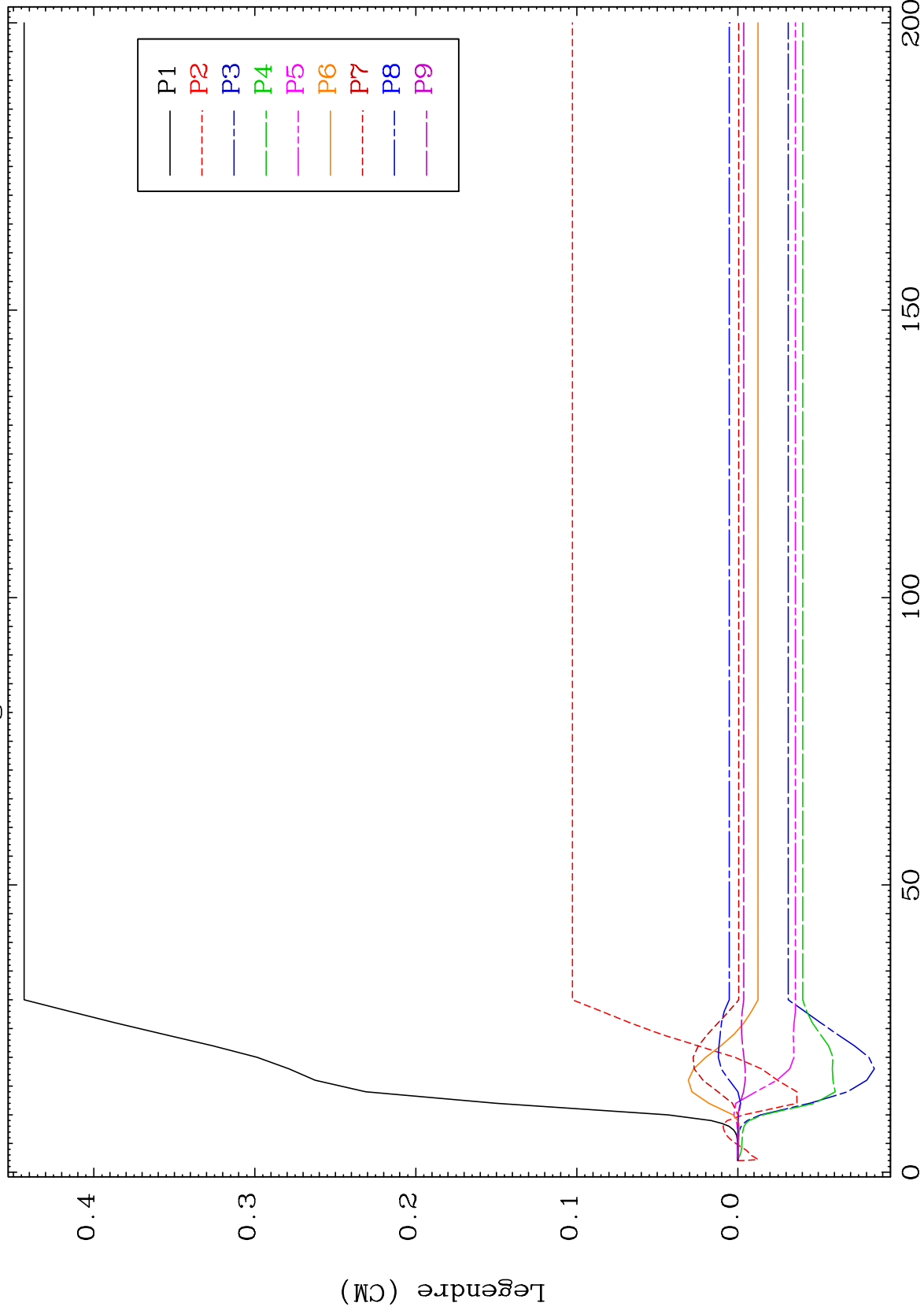




MAT 4119

MT= 62 (n,n') Level
Legendre Coefficients

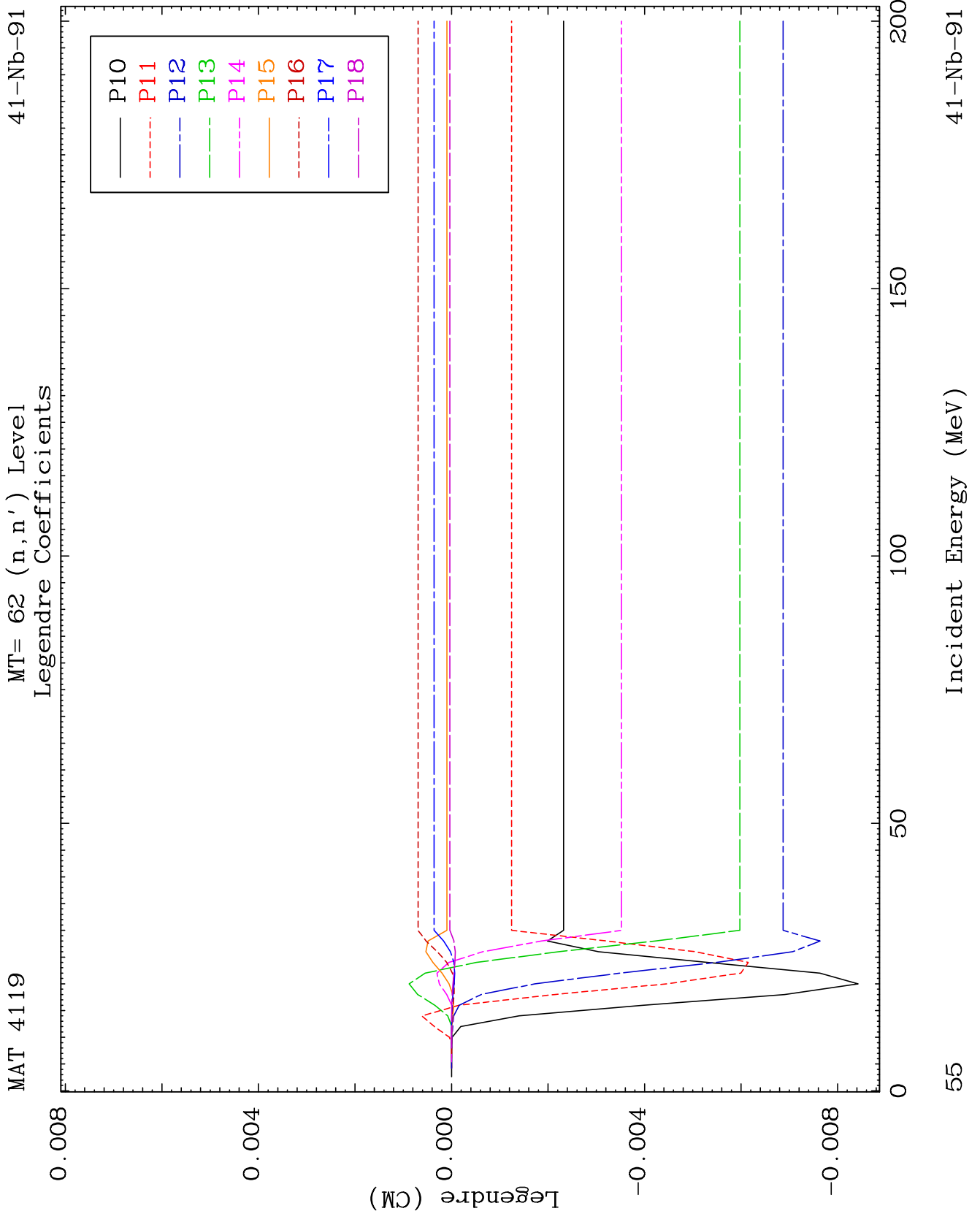
41-Nb-91



54

Incident Energy (MeV)

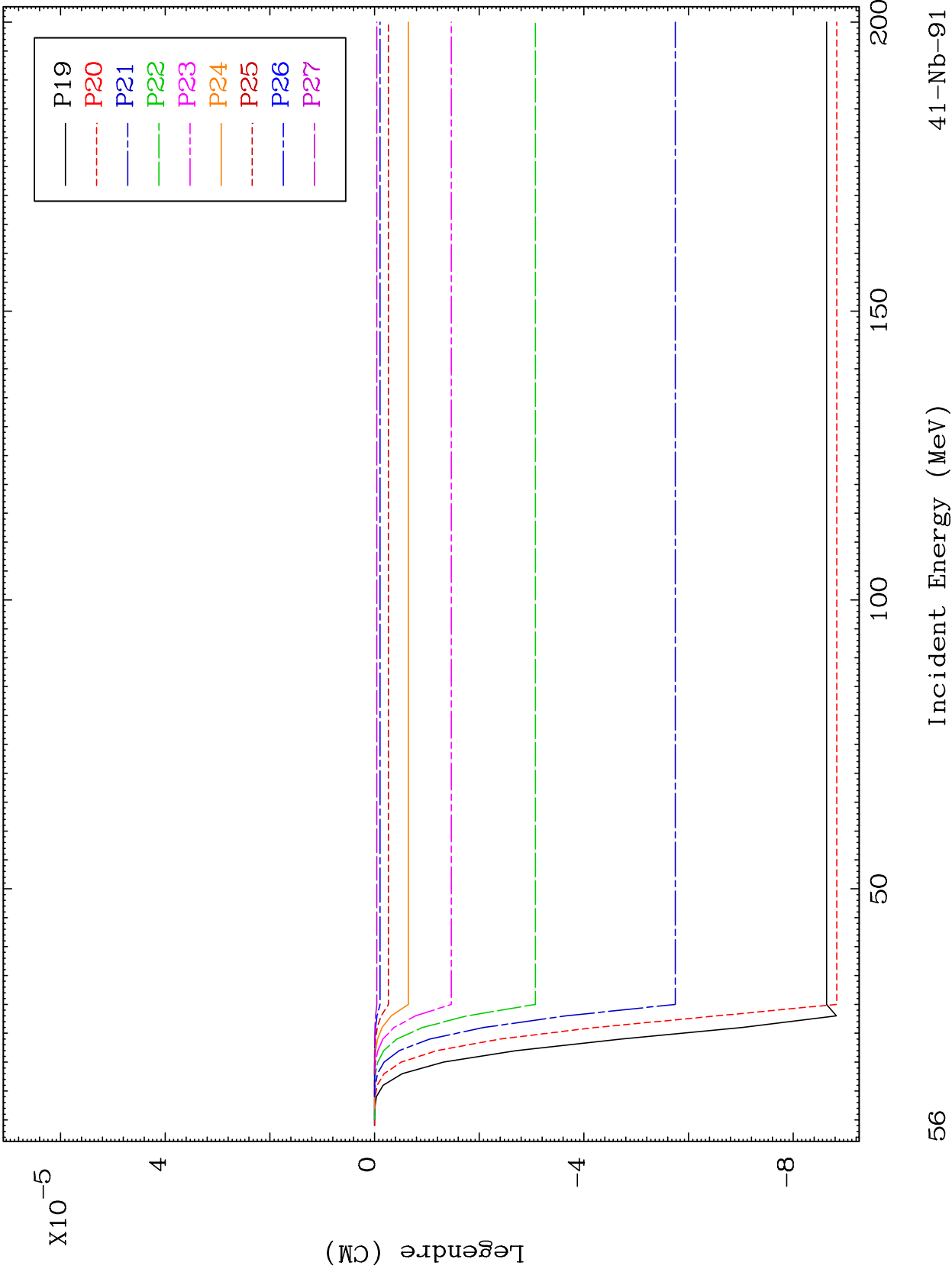
41-Nb-91



MAT 4119

MT= 62 (n,n') Level
Legendre Coefficients

41-Nb-91



56

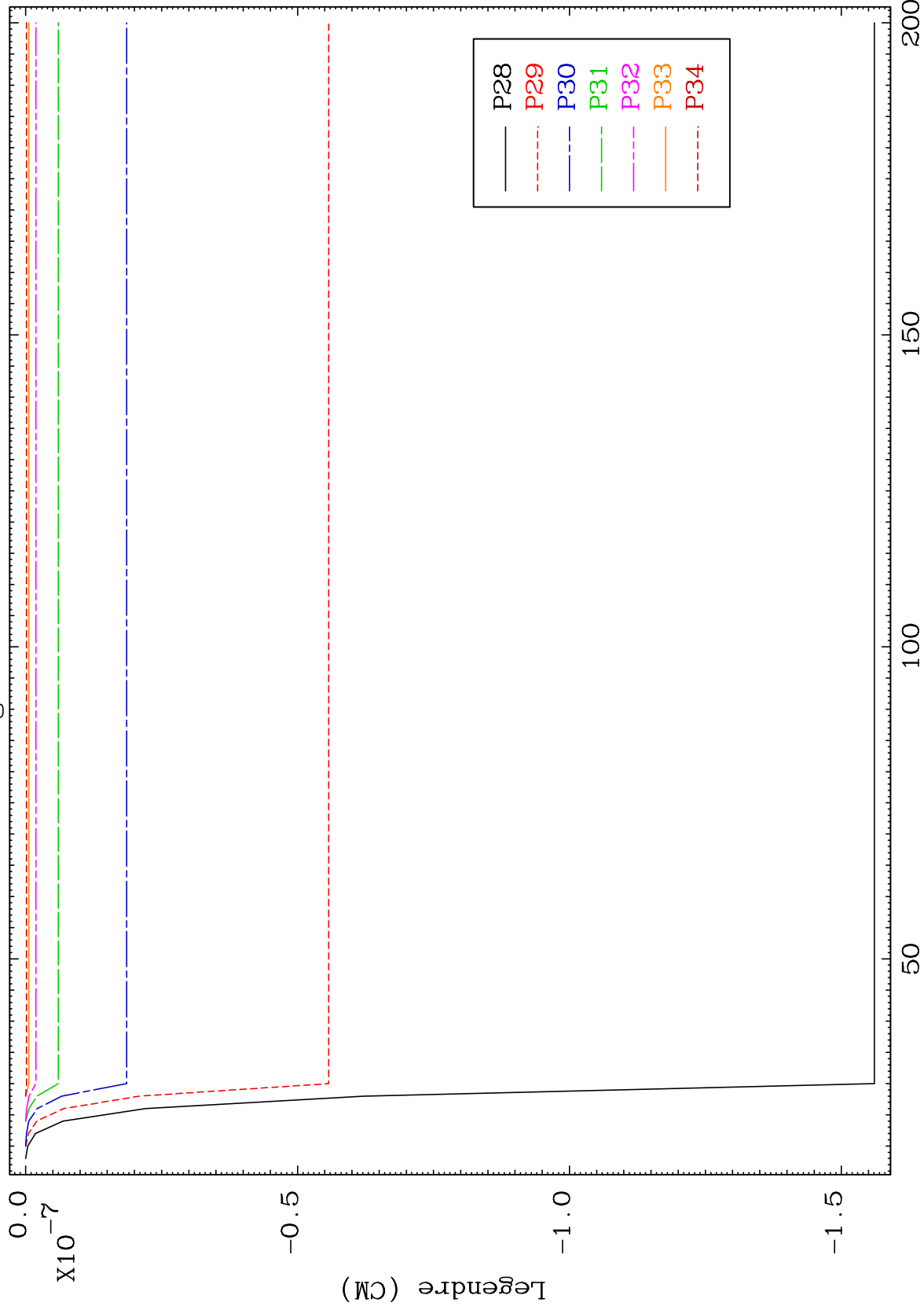
41-Nb-91

MAT 4119

MT= 62 (n,n') Level

41-Nb-91

Legendre Coefficients



57

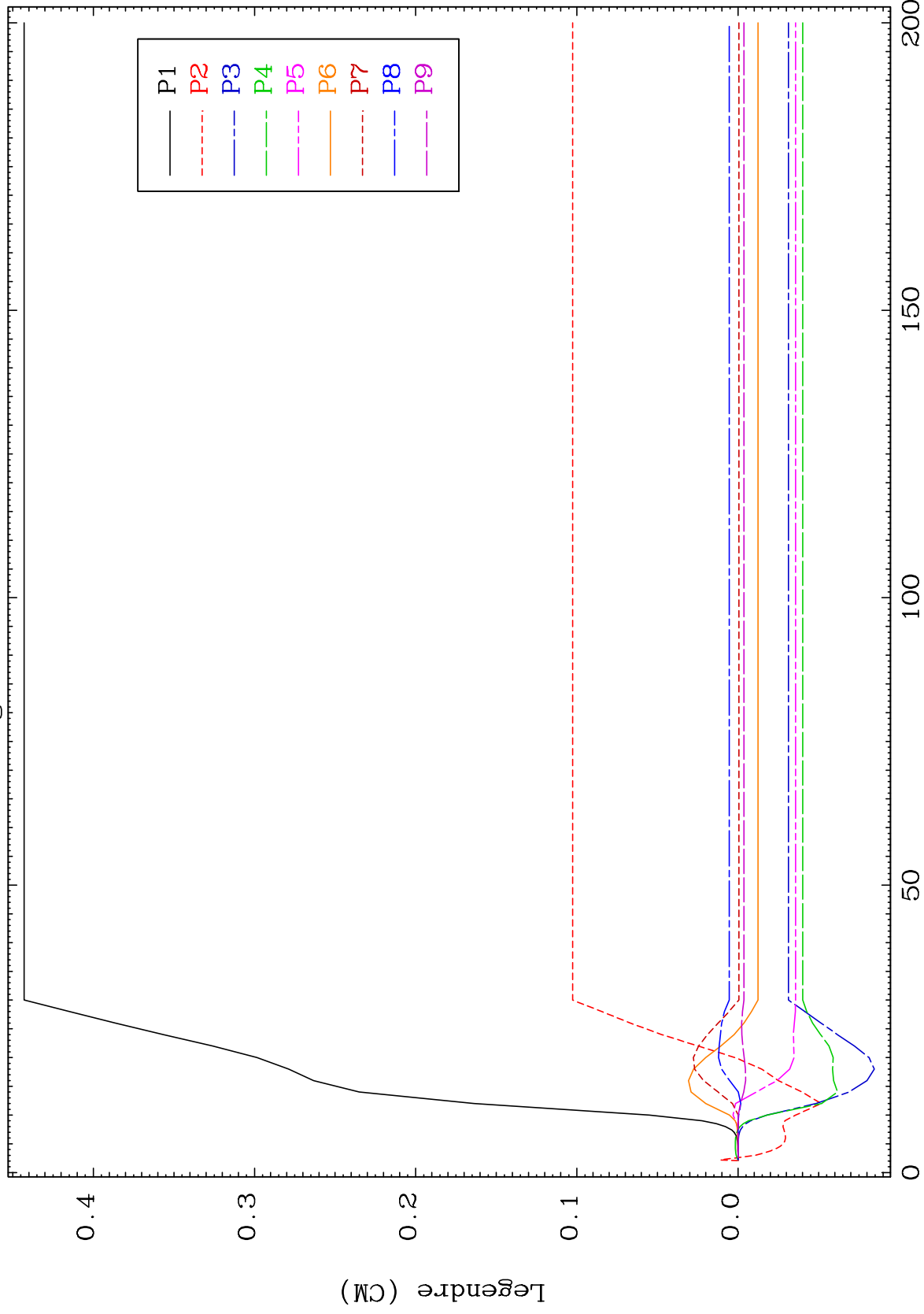
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 63 (n,n') Level
Legendre Coefficients

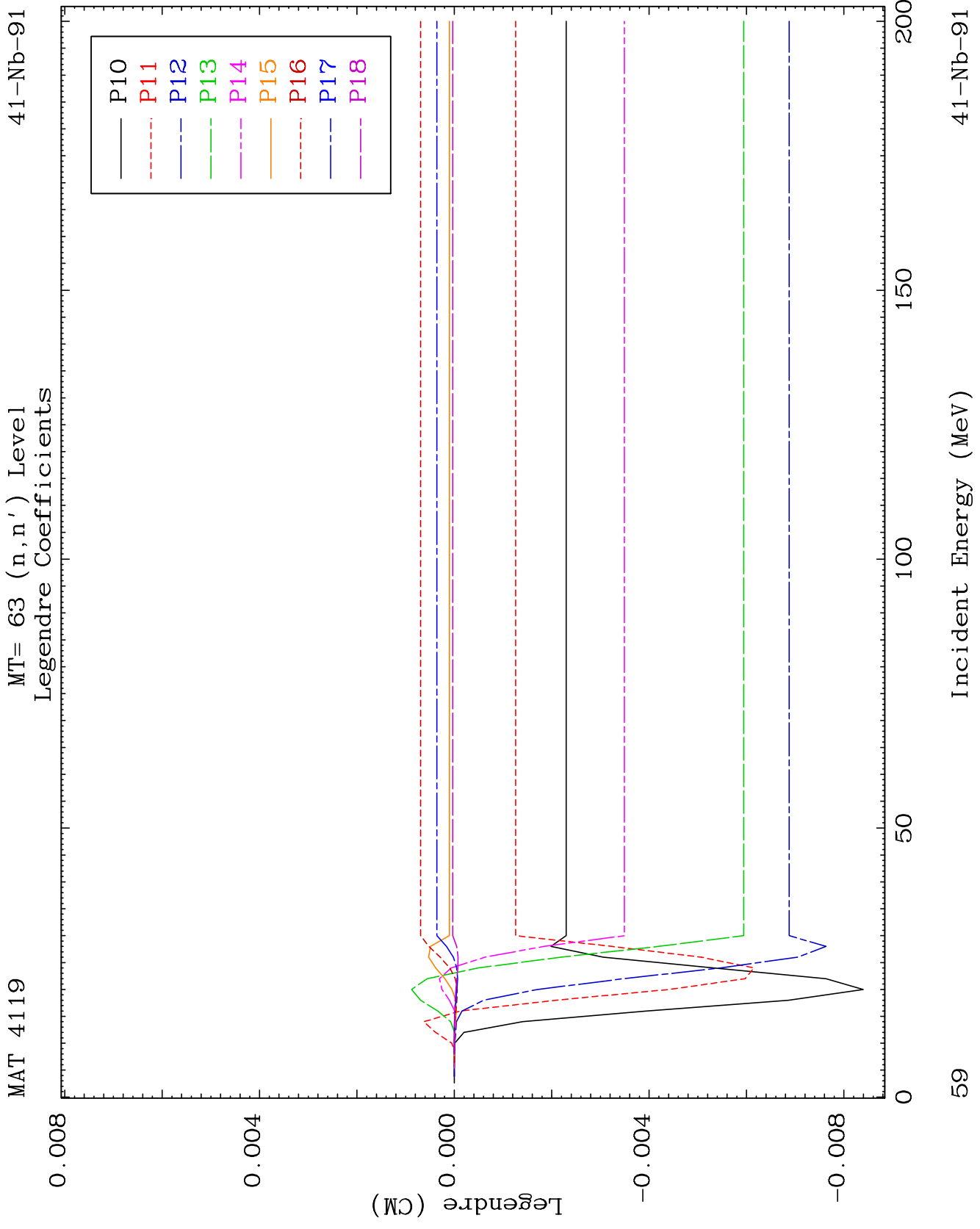
41-Nb-91



58

Incident Energy (MeV)

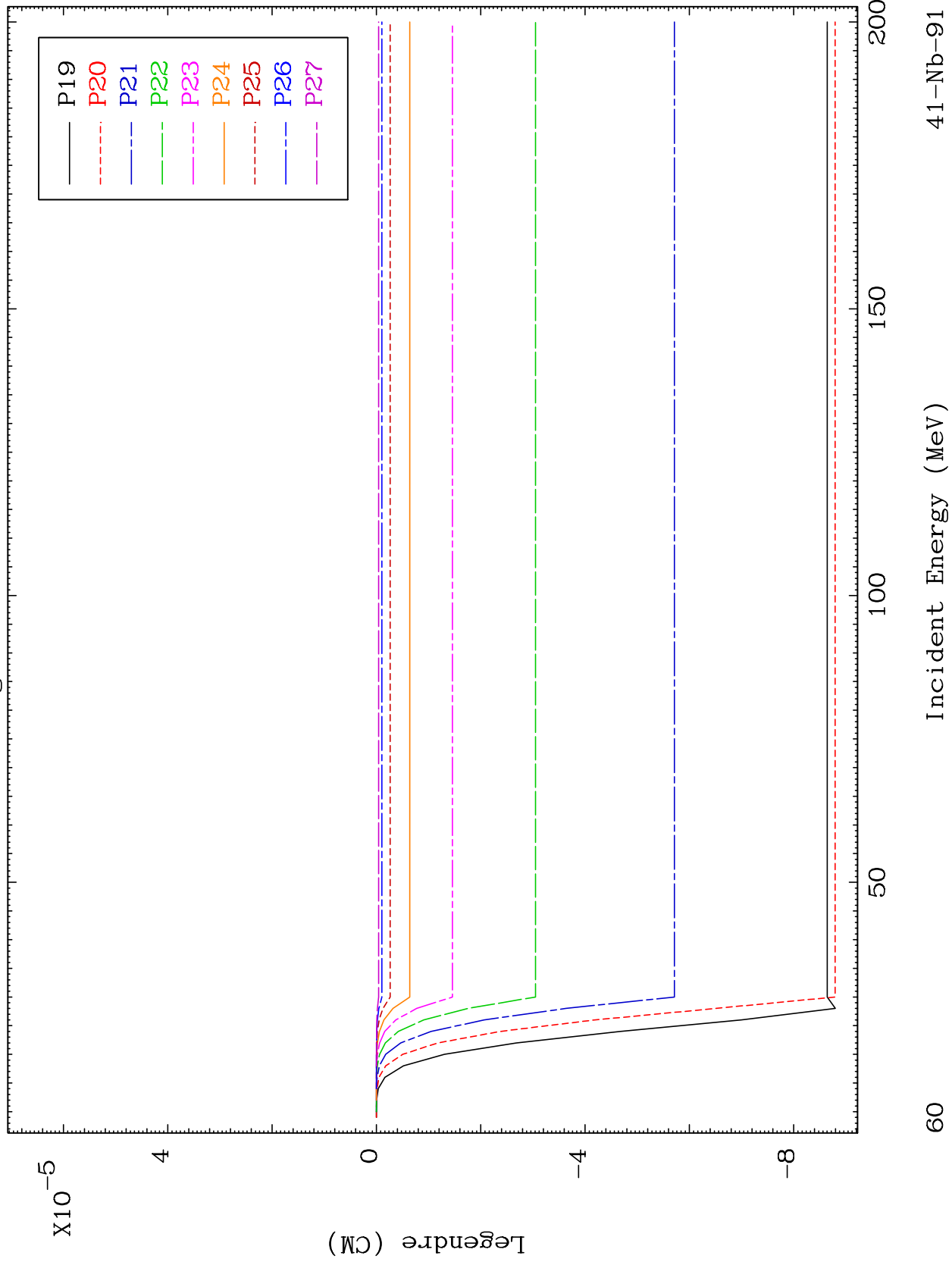
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MAT 4119

MT= 63 (n,n') Level
Legendre Coefficients

41-Nb-91

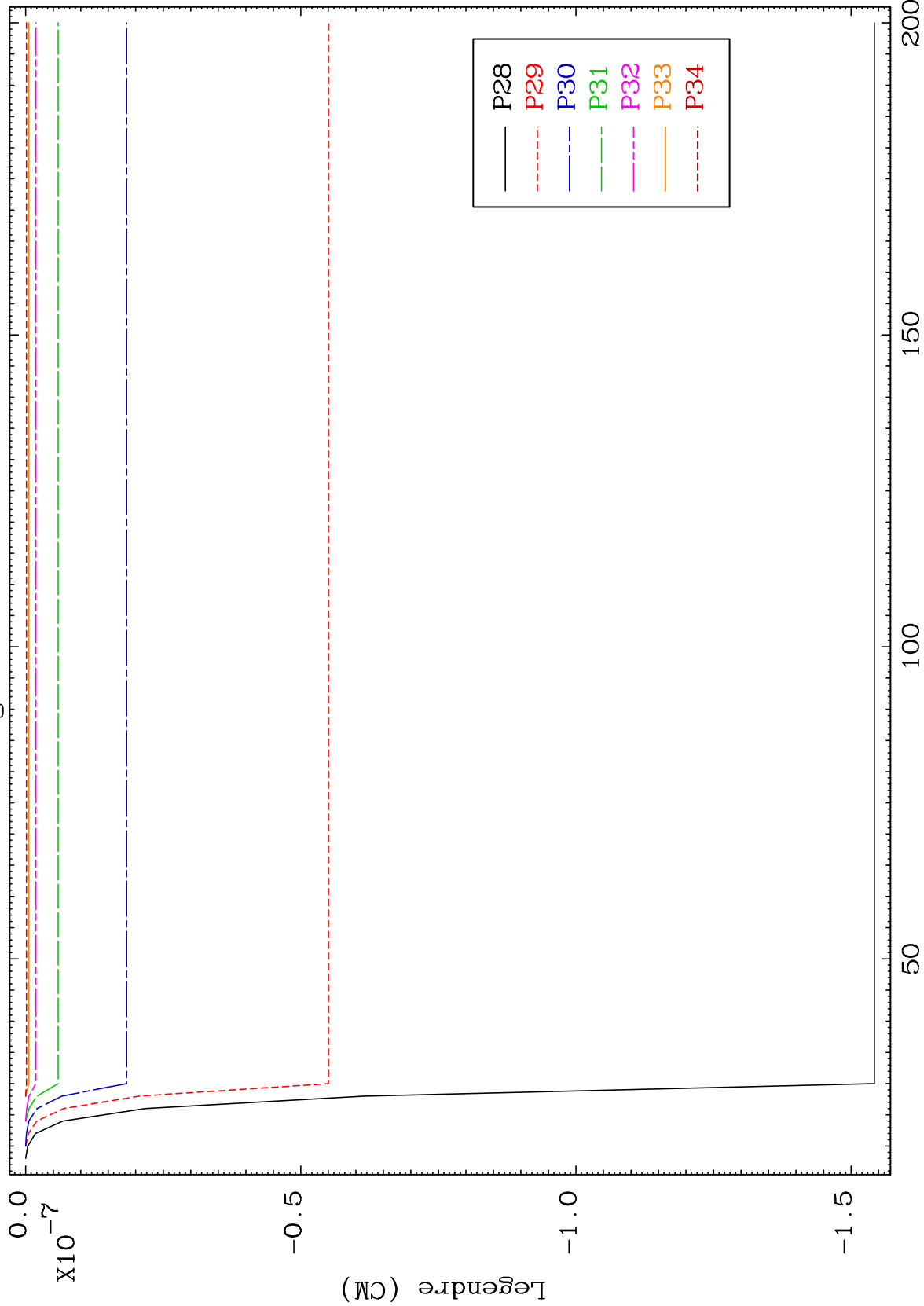


MAT 4119

MT= 63 (n,n') Level

41-Nb-91

Legendre Coefficients



61

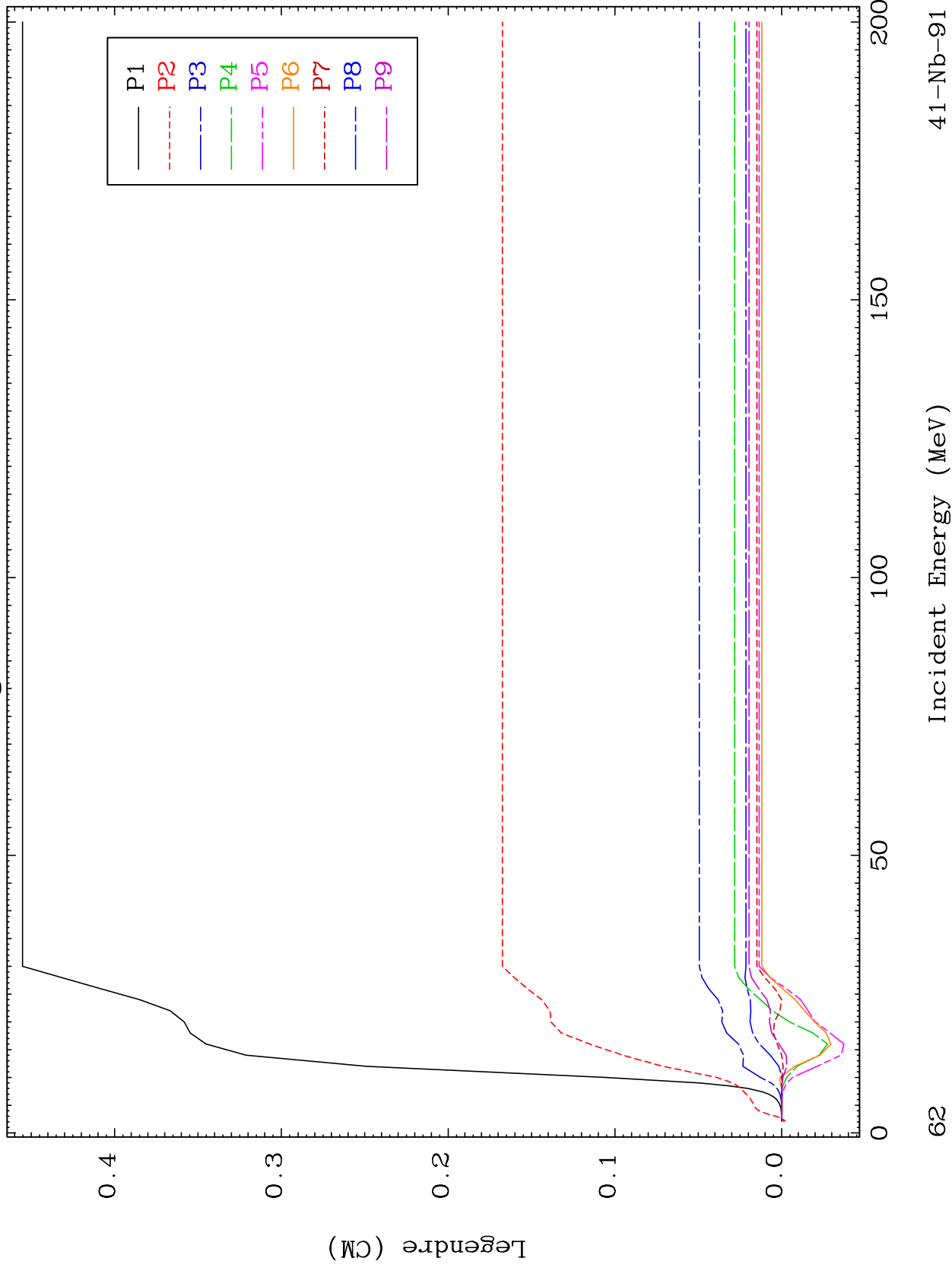
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-91



41-Nb-91

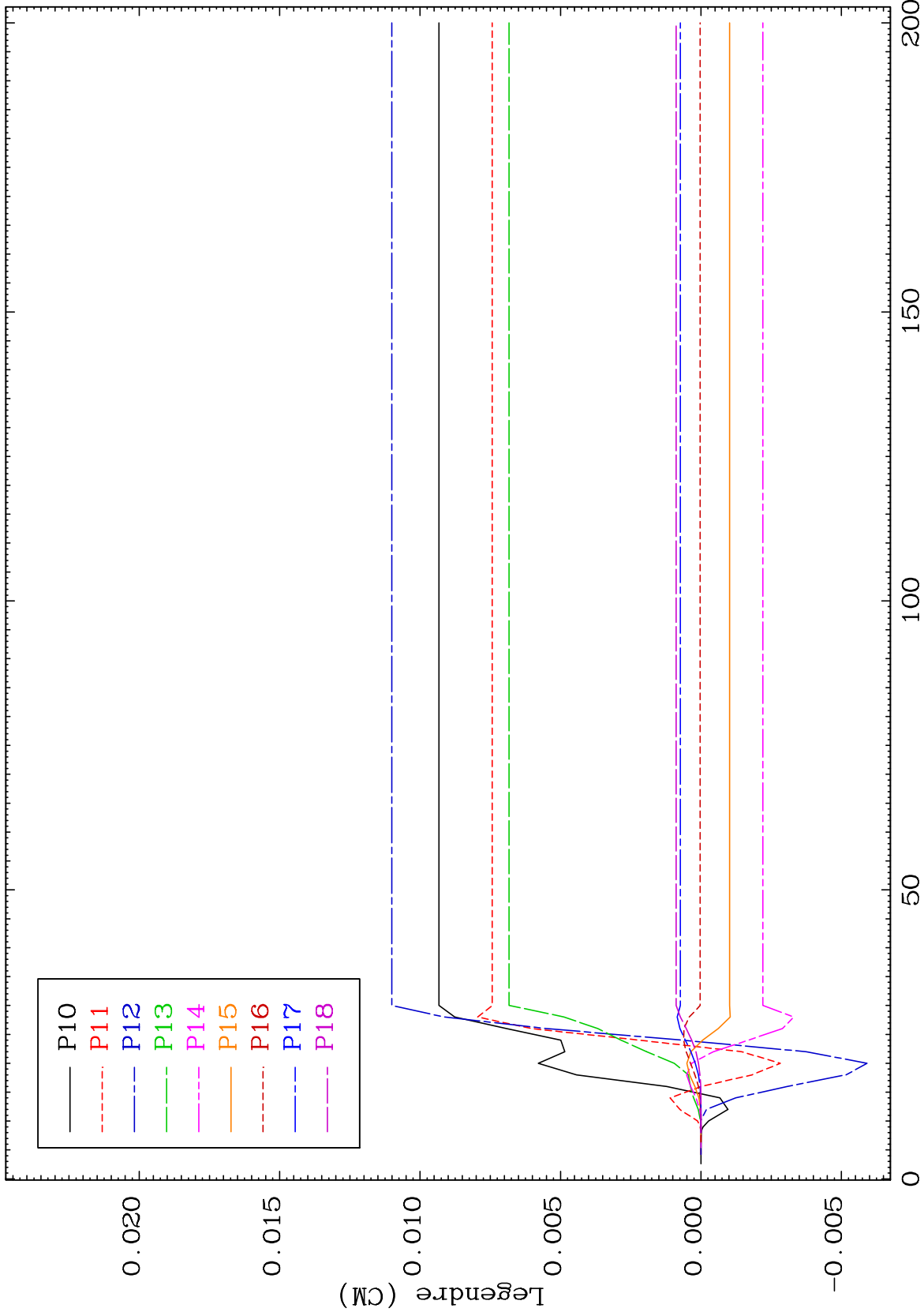
Incident Energy (MeV)

62

MAT 4119

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-91



63

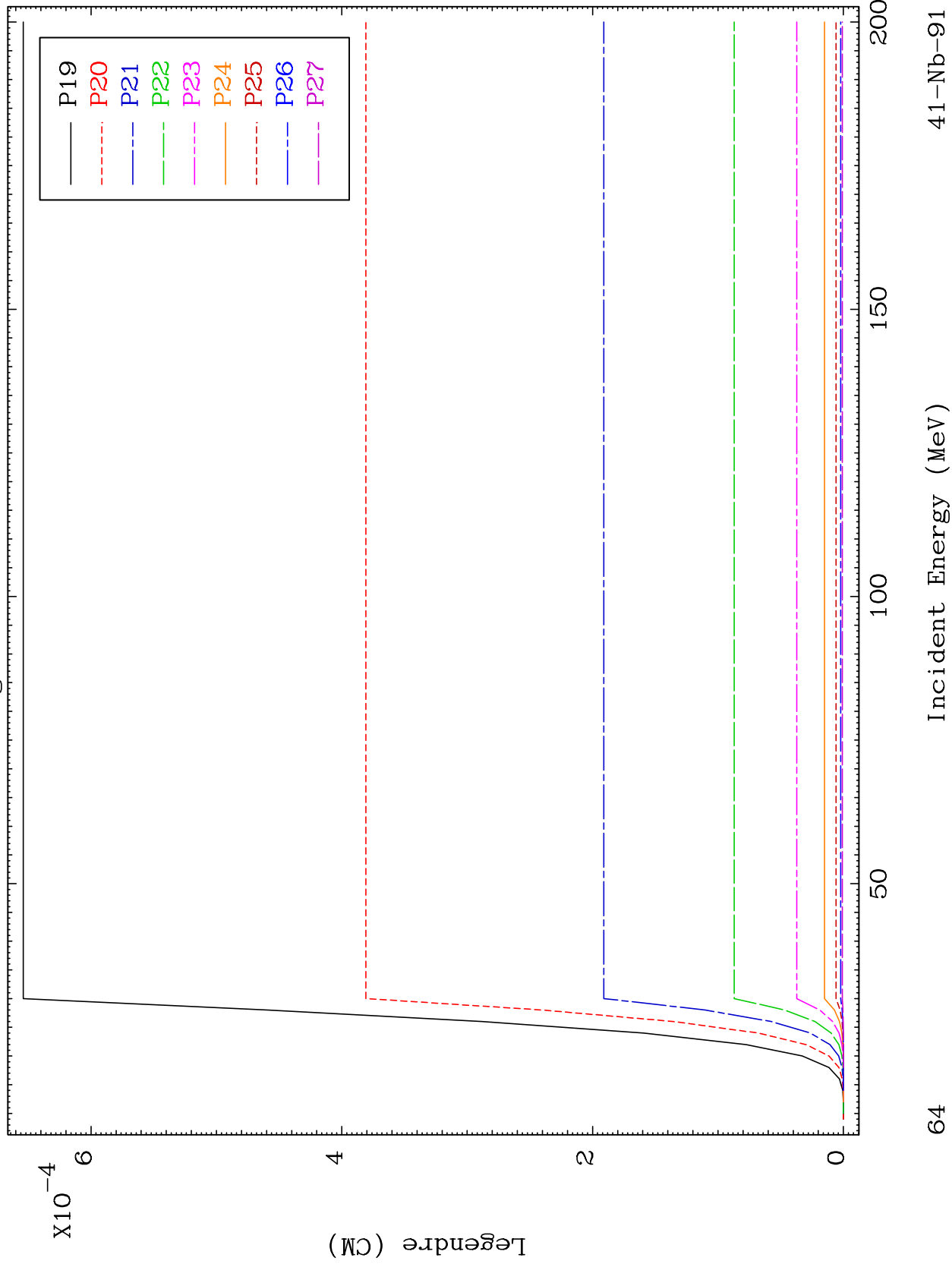
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-91



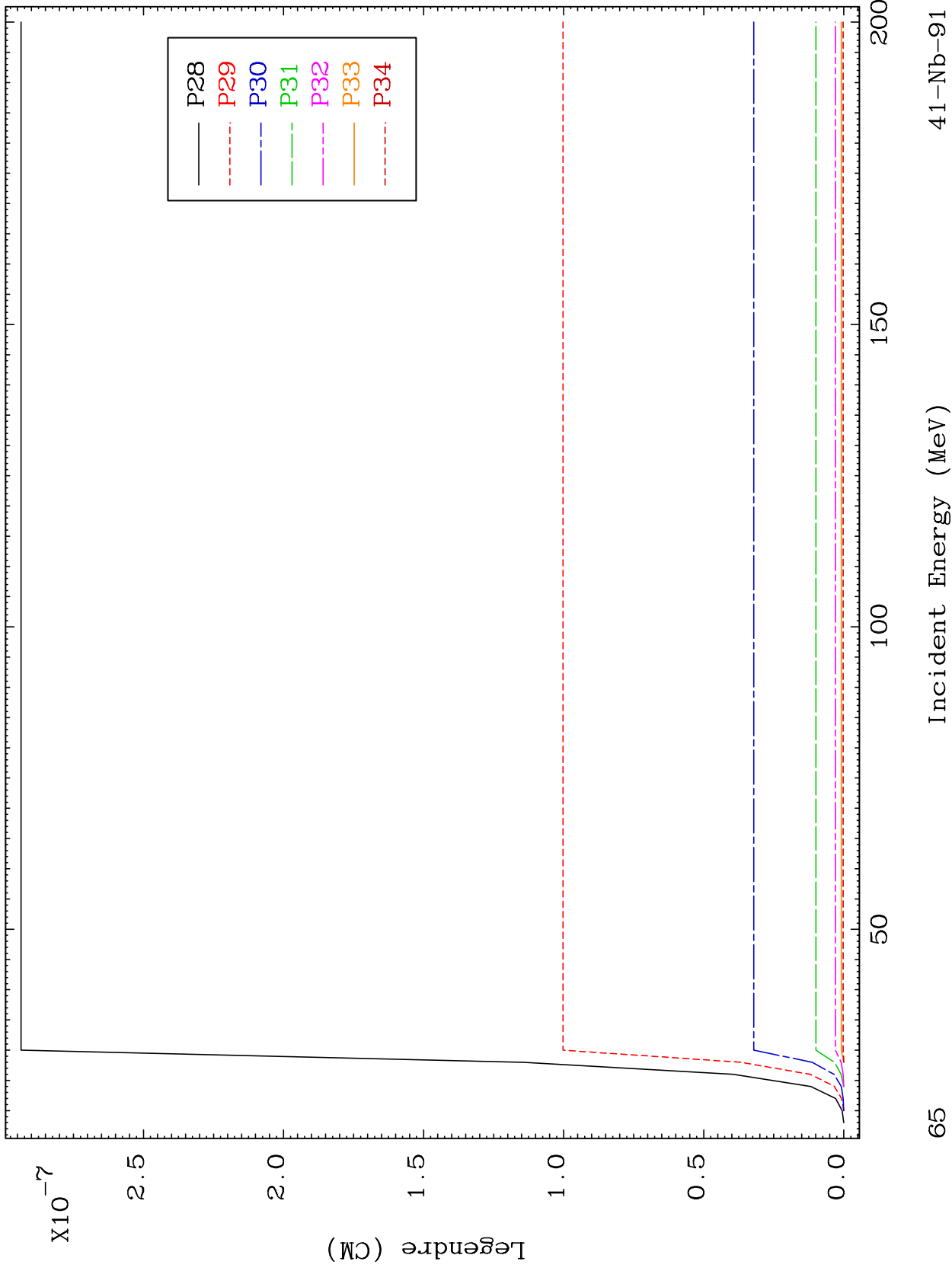
64

41-Nb-91

MAT 4119

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-91



65

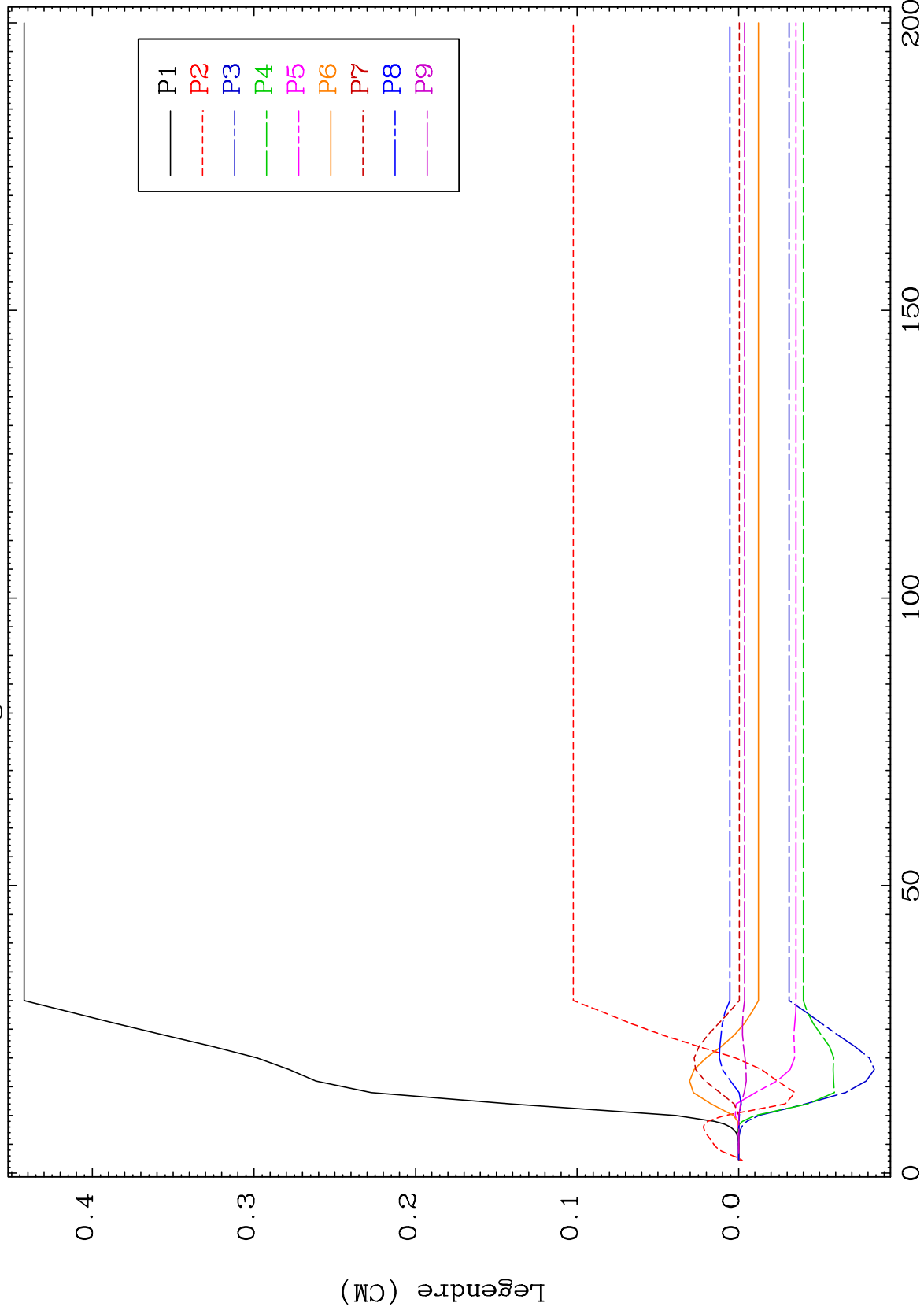
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 65 (n,n') Level
Legendre Coefficients

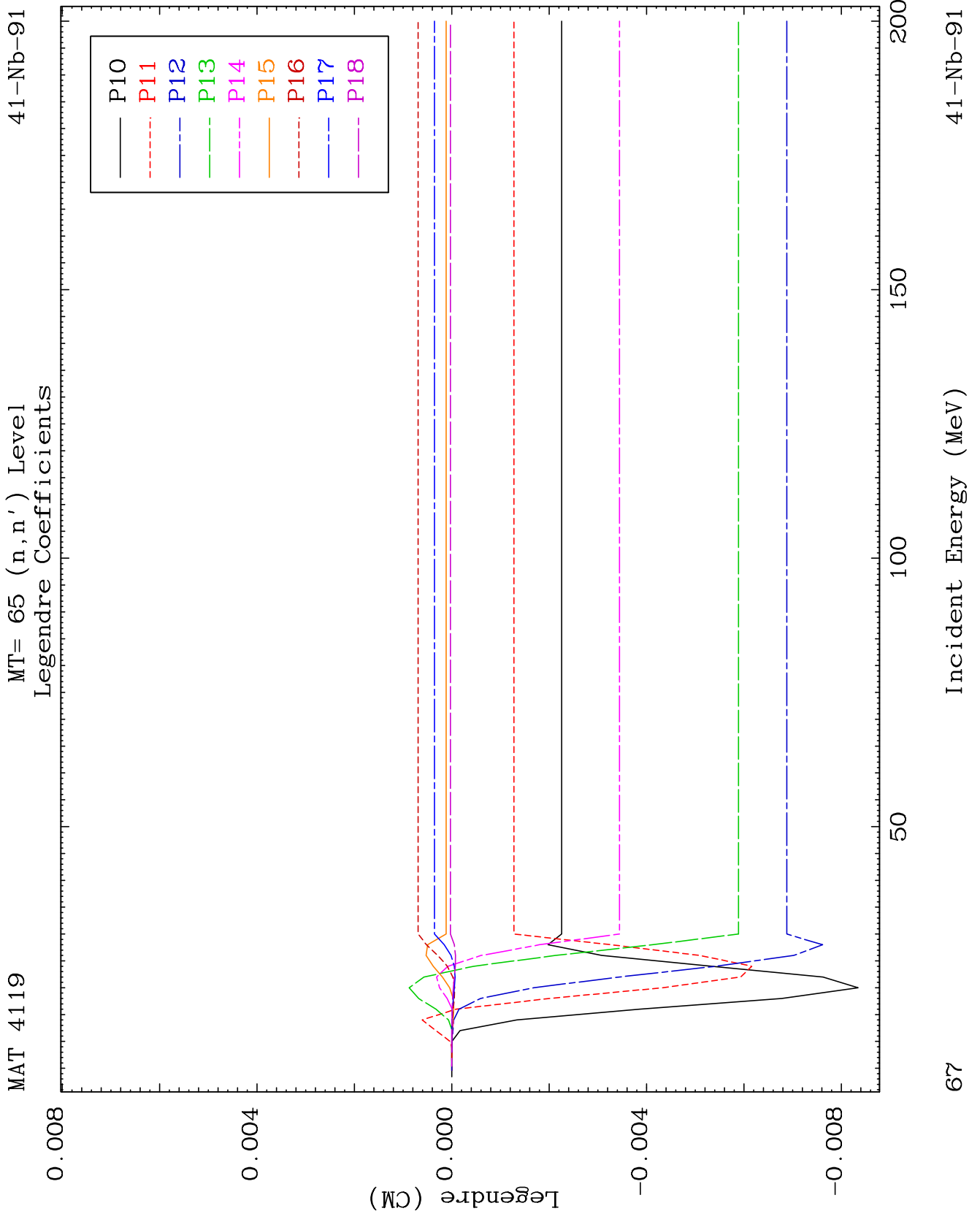
41-Nb-91



66

Incident Energy (MeV)

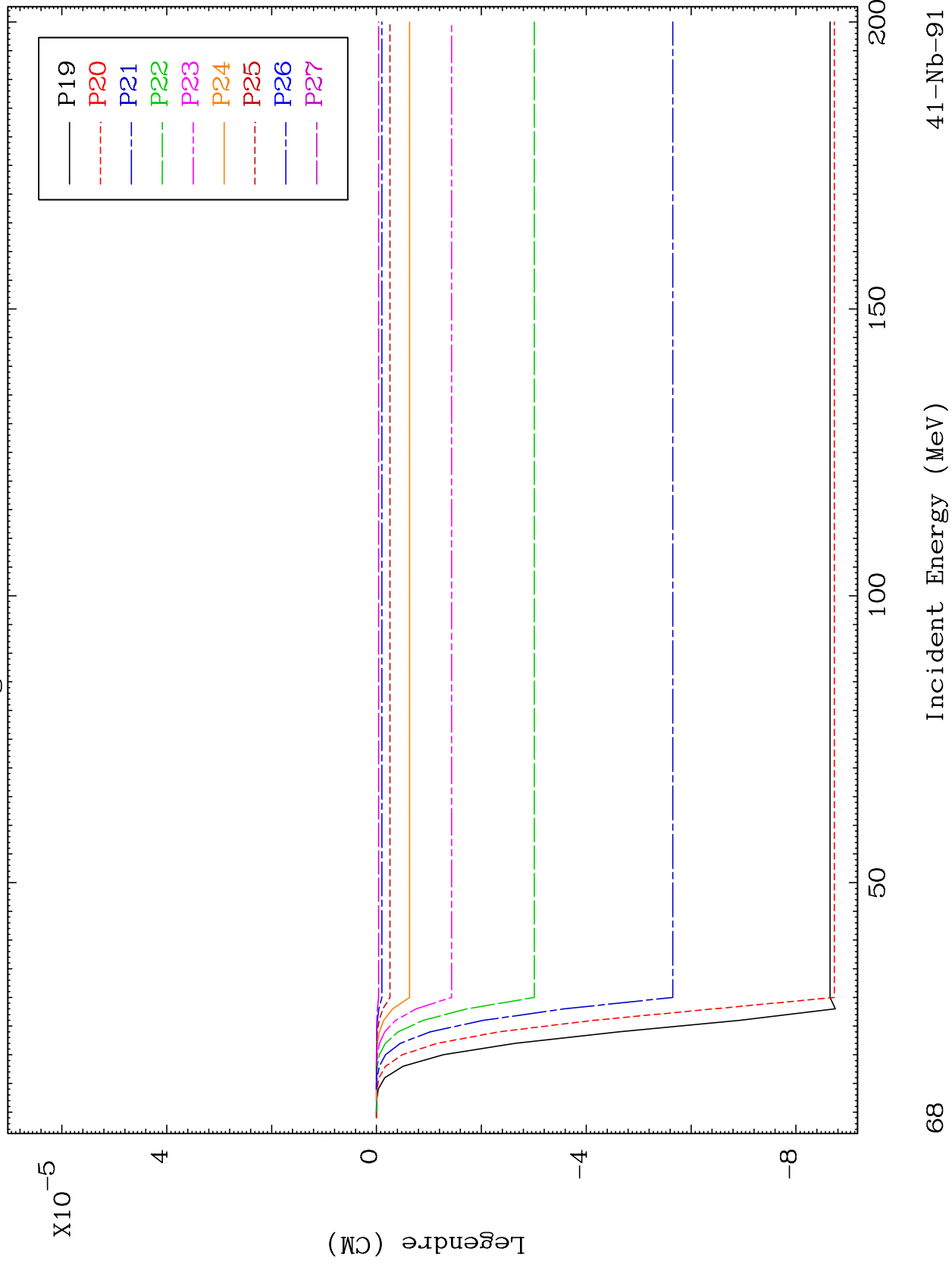
41-Nb-91



MAT 4119

MT= 65 (n,n') Level
Legendre Coefficients

41-Nb-91

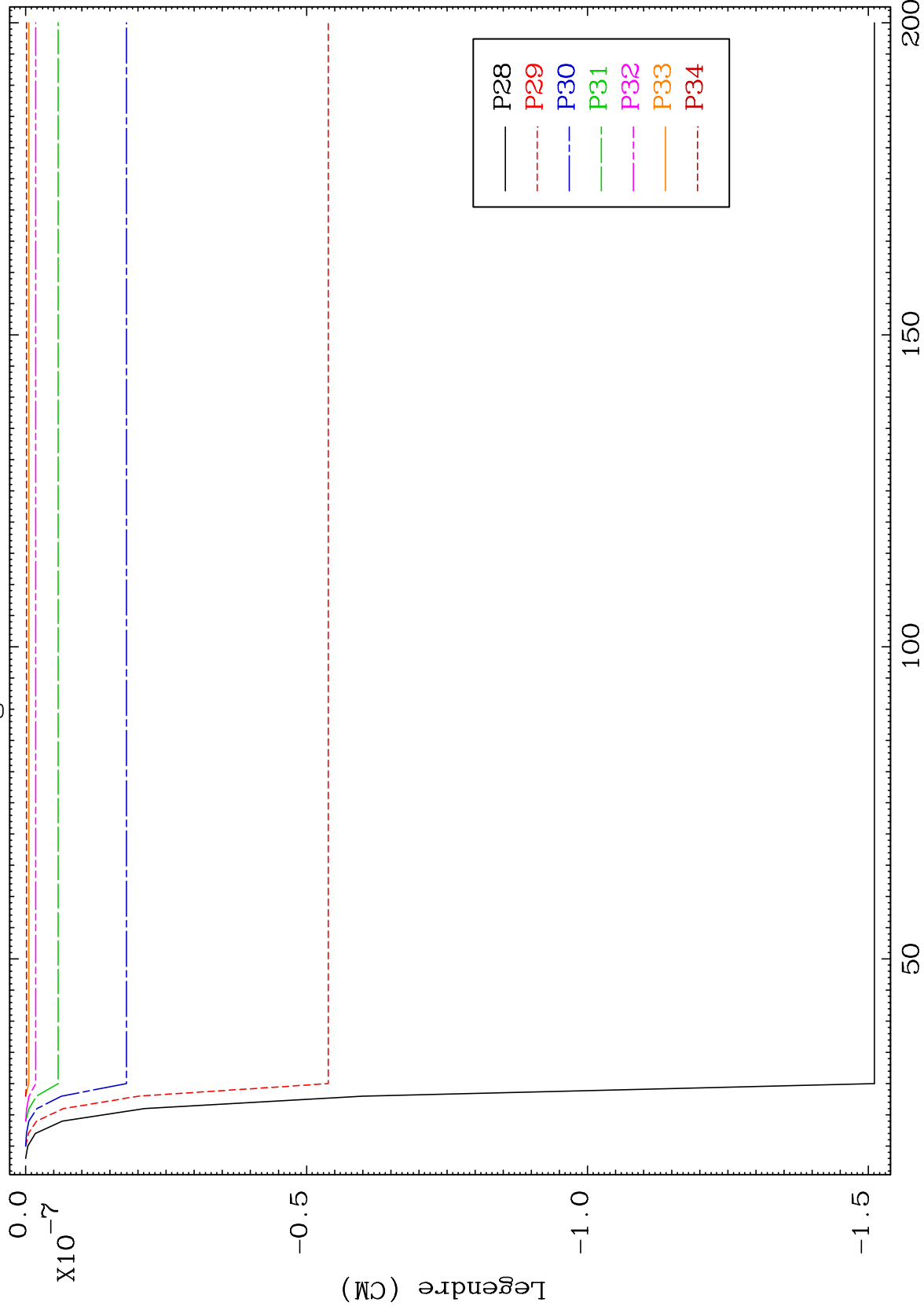


MAT 4119

MT= 65 (n,n') Level

41-Nb-91

Legendre Coefficients



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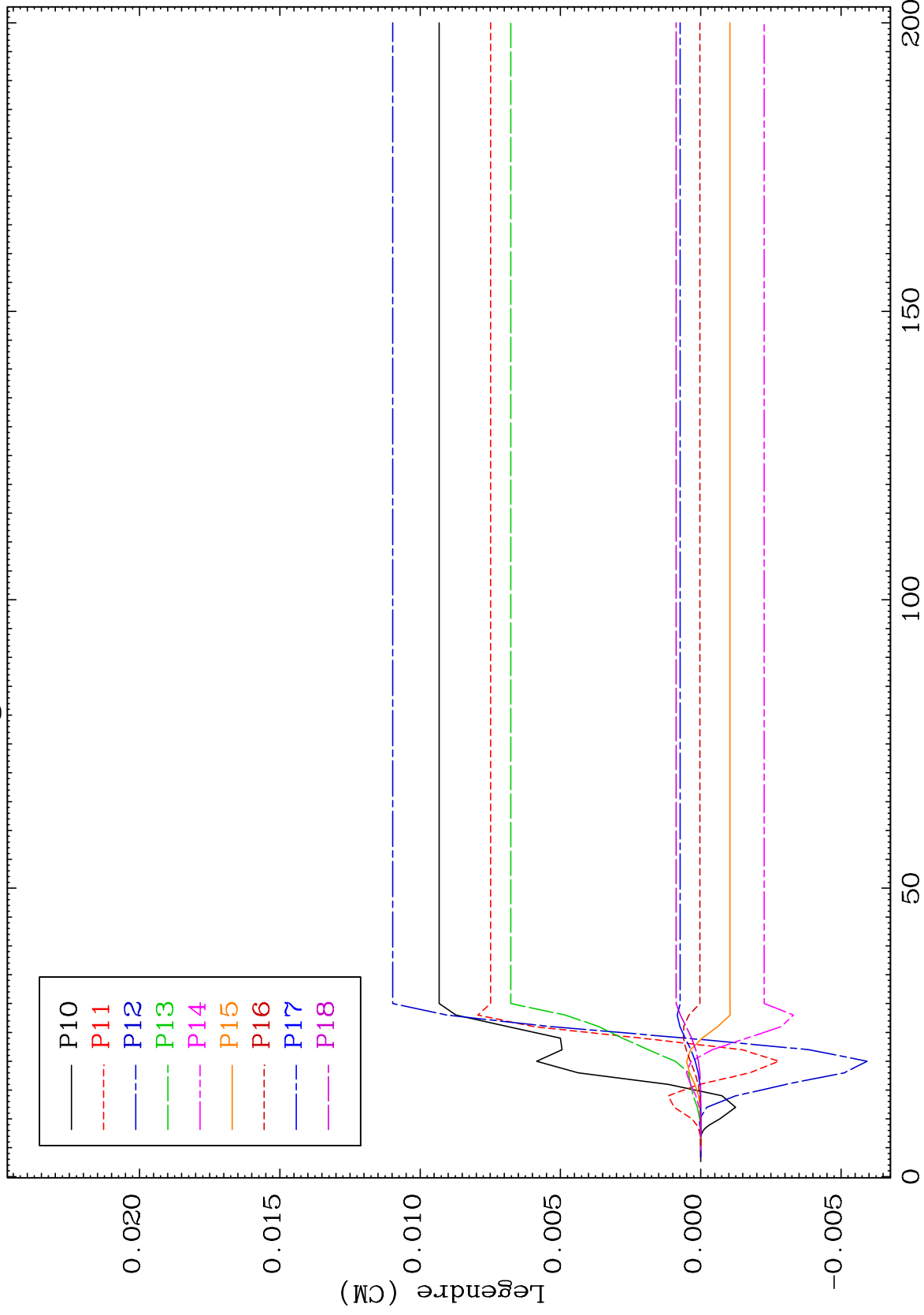
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 66 (n,n') Level
Legendre Coefficients

41-Nb-91



71

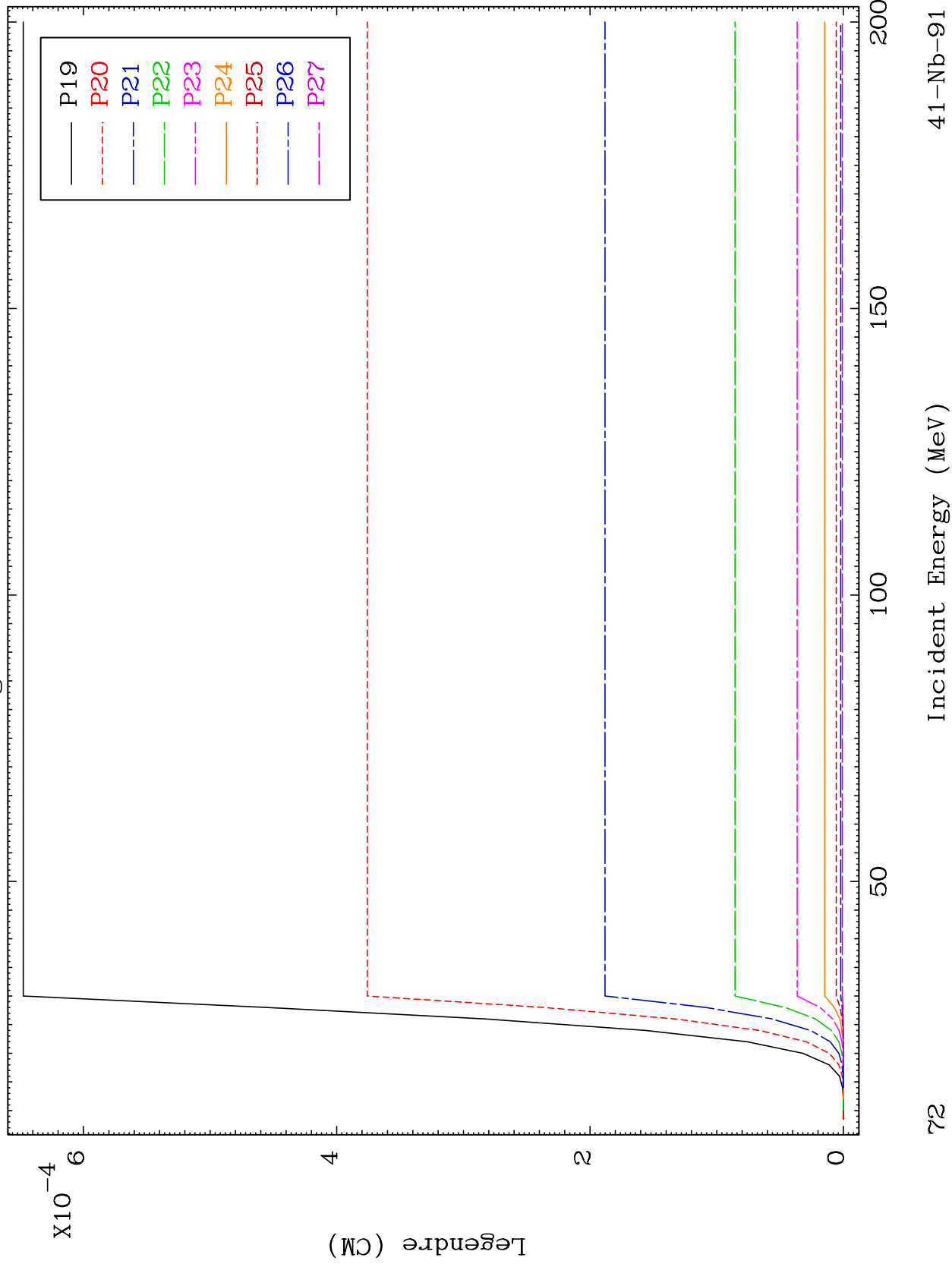
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 66 (n,n') Level
Legendre Coefficients

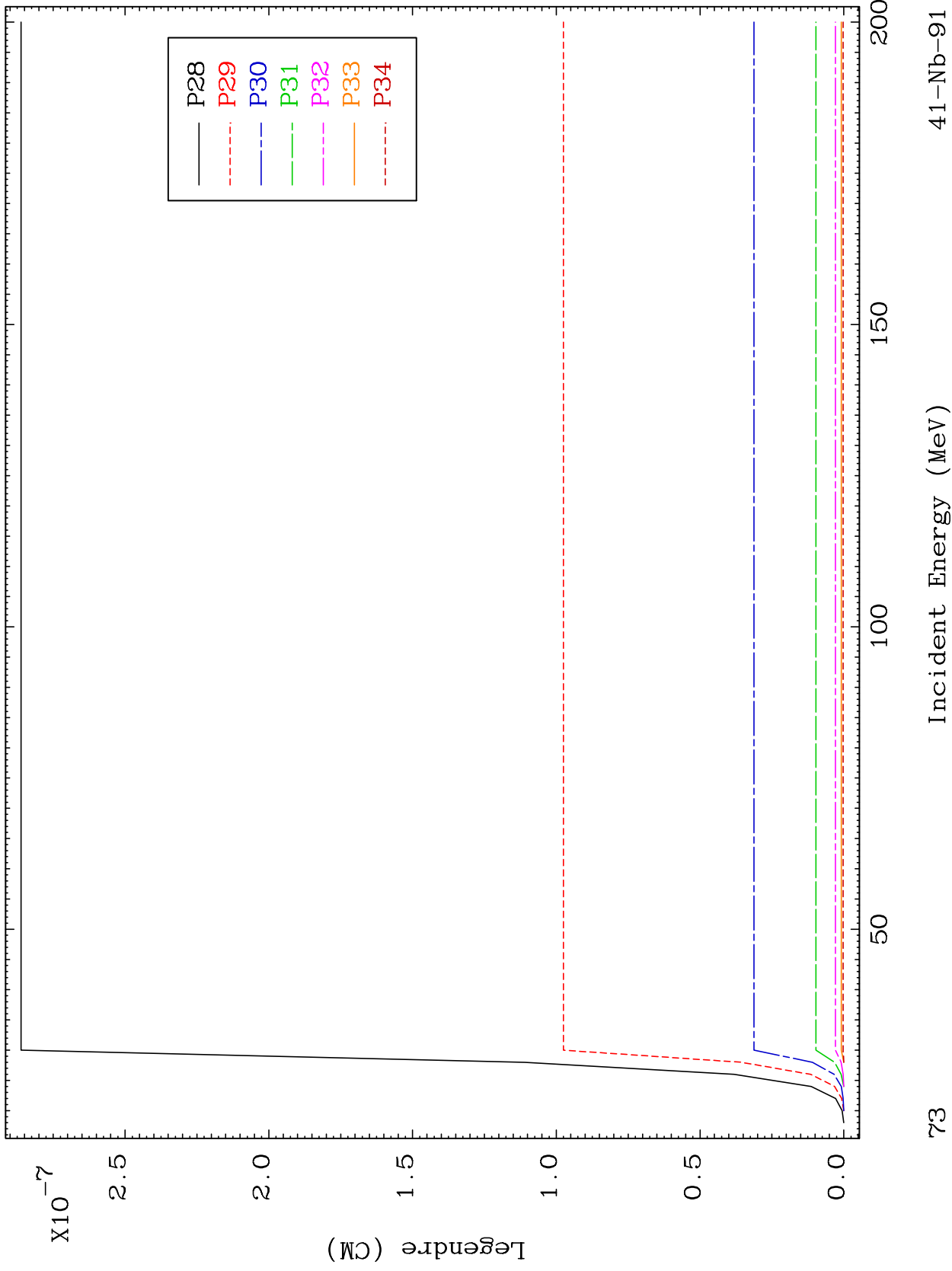
41-Nb-91



MAT 4119

MT= 66 (n,n') Level
Legendre Coefficients

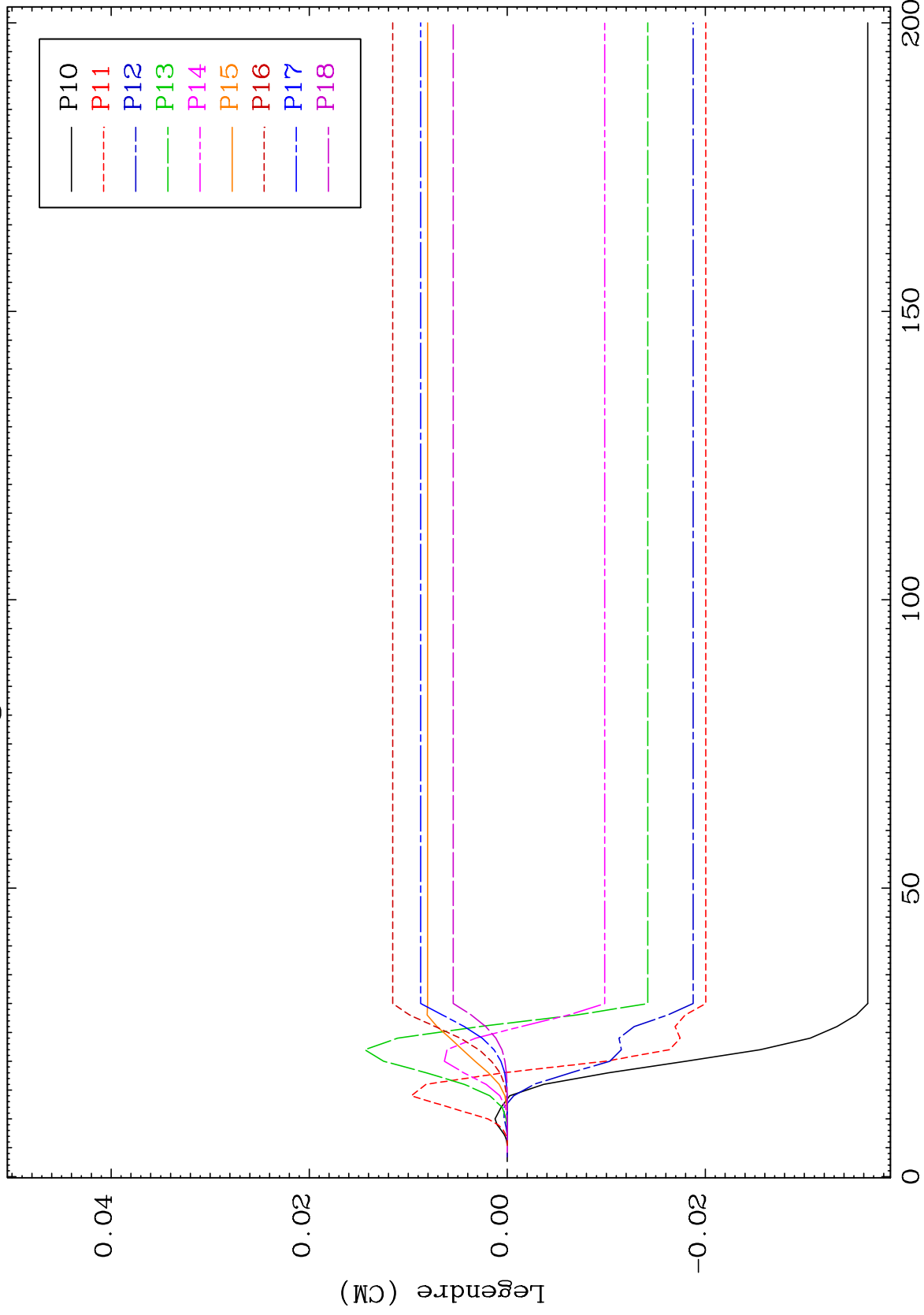
41-Nb-91



MAT 4119

MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-91



75

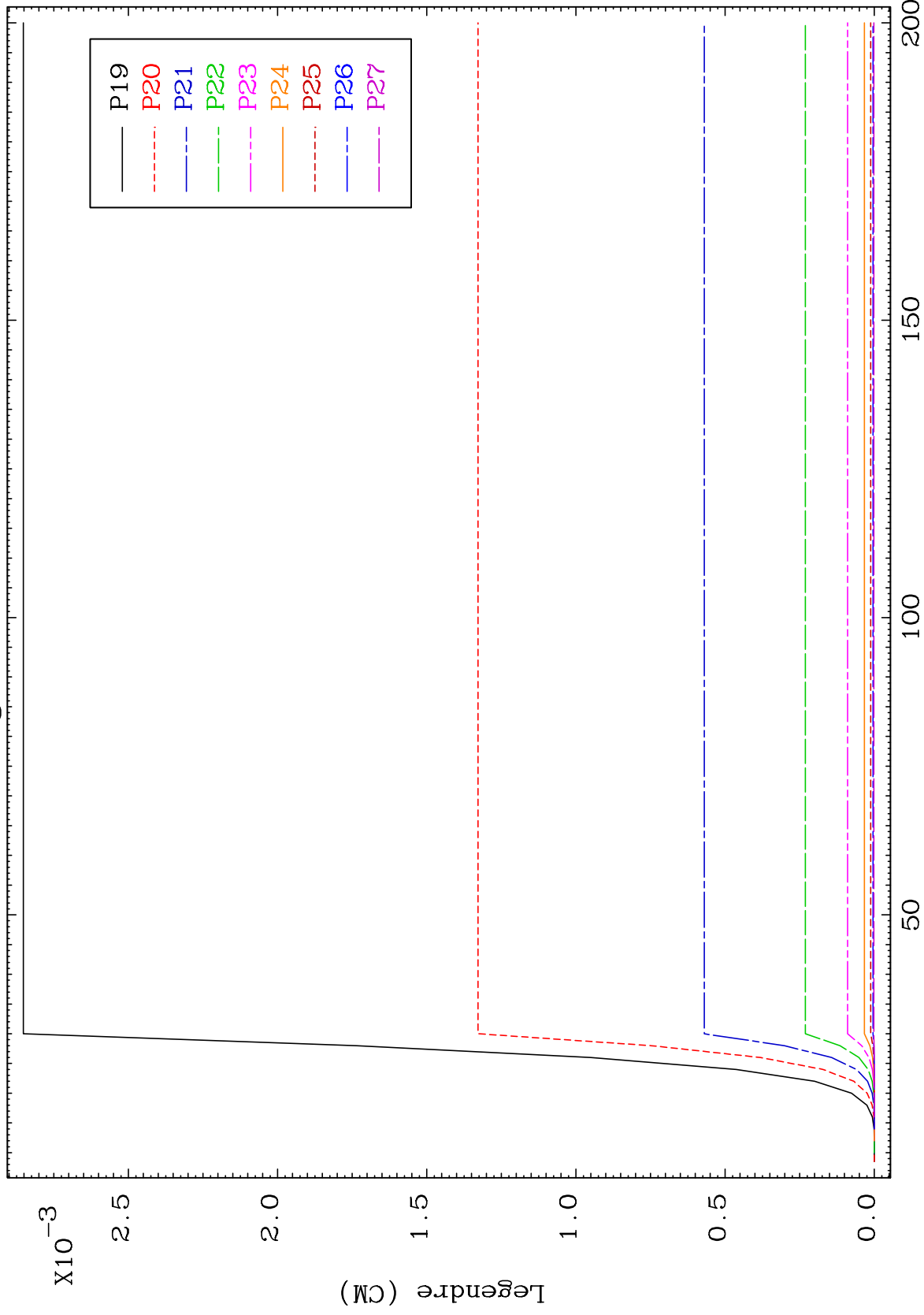
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-91



76

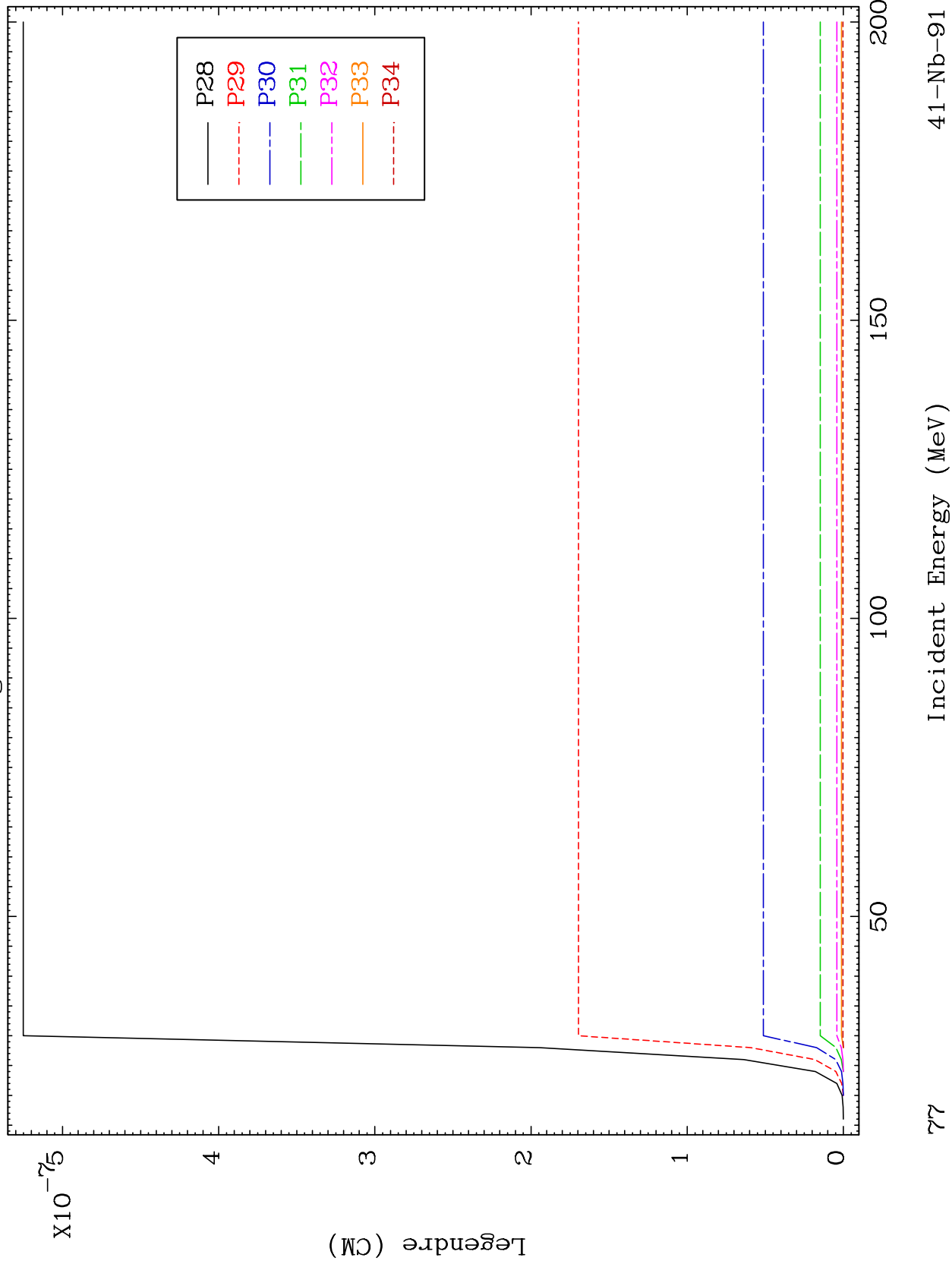
Incident Energy (MeV)

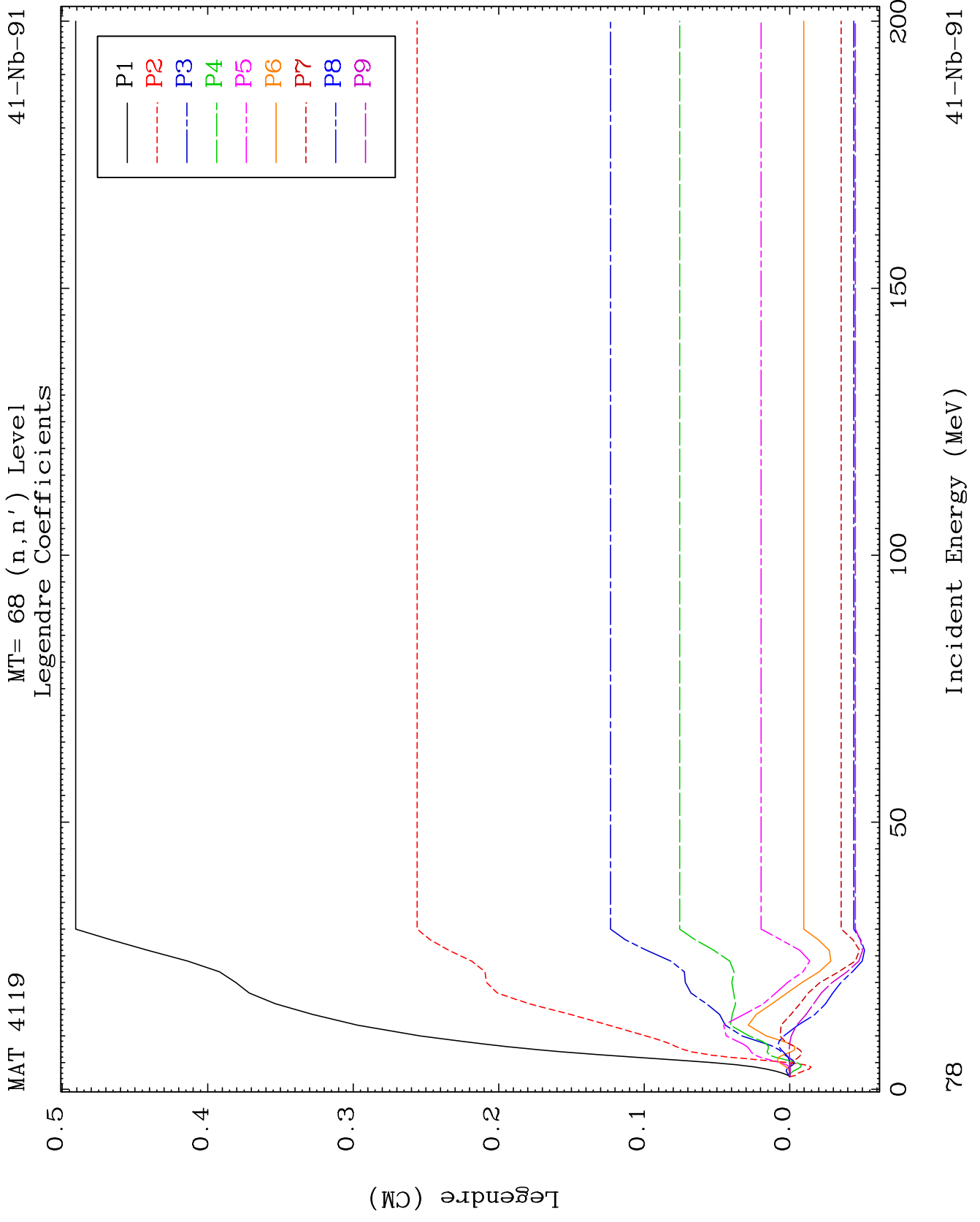
41-Nb-91

MAT 4119

MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-91

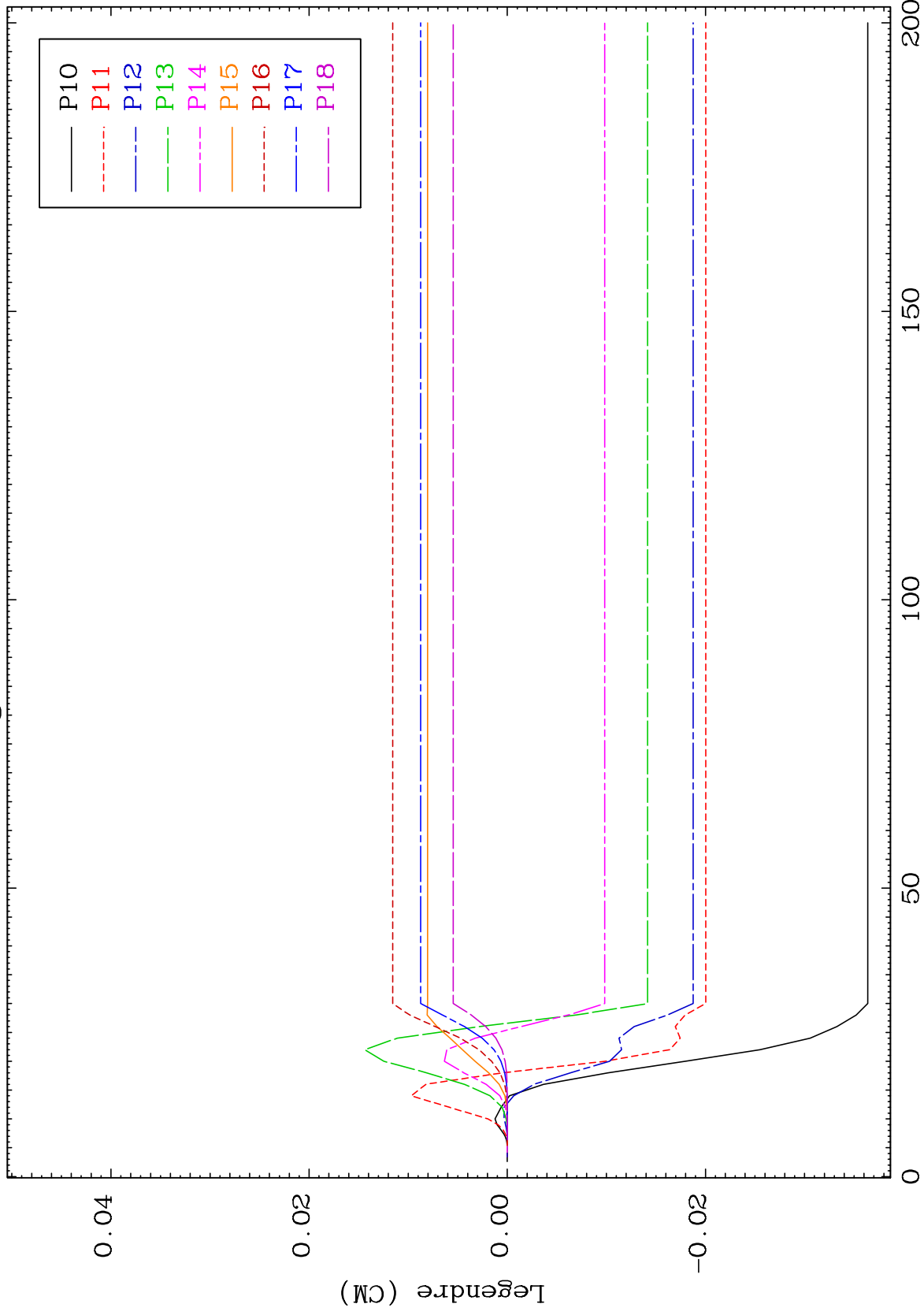




MAT 4119

MT= 68 (n,n') Level
Legendre Coefficients

41-Nb-91



79

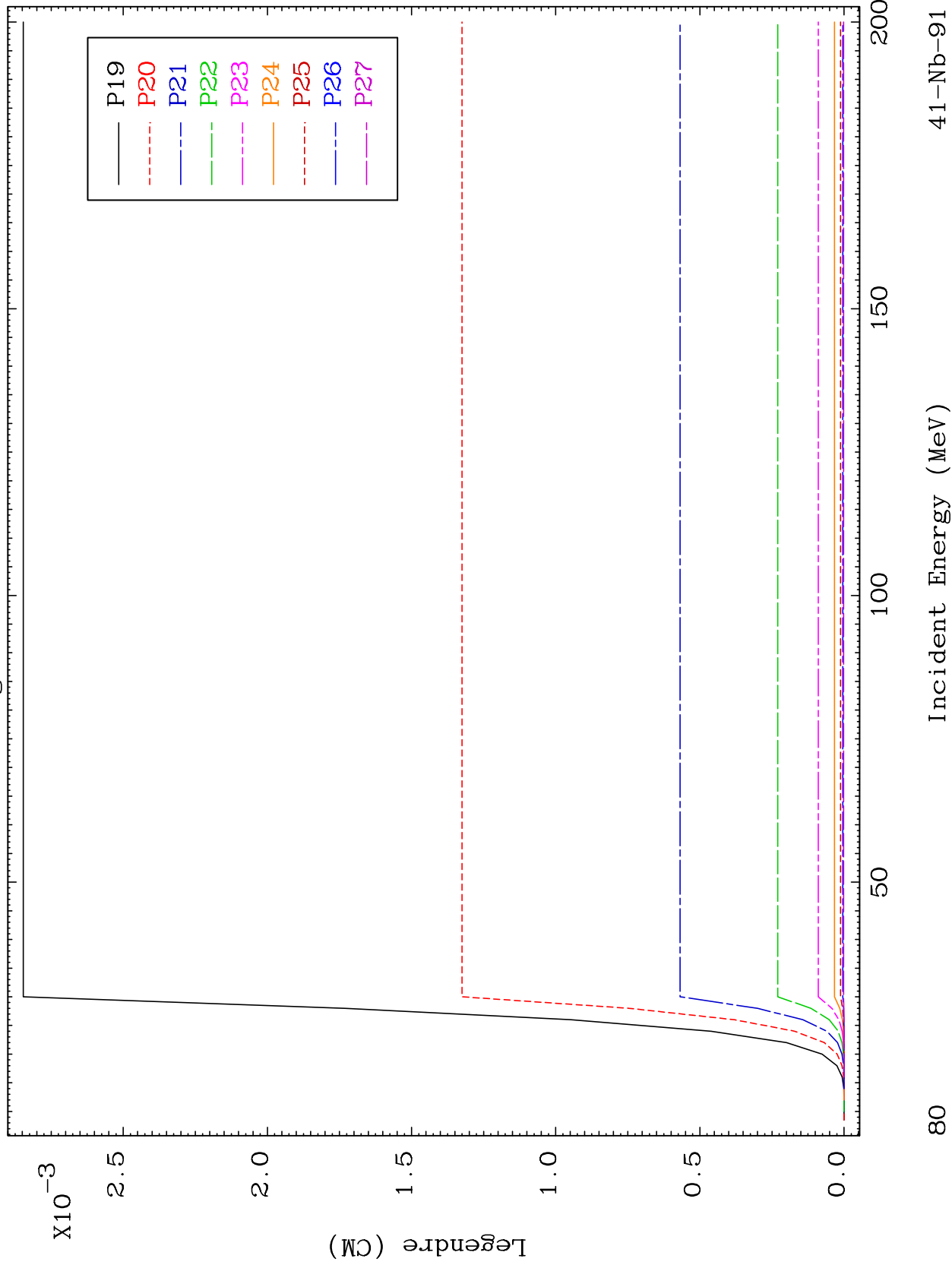
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 68 (n,n') Level
Legendre Coefficients

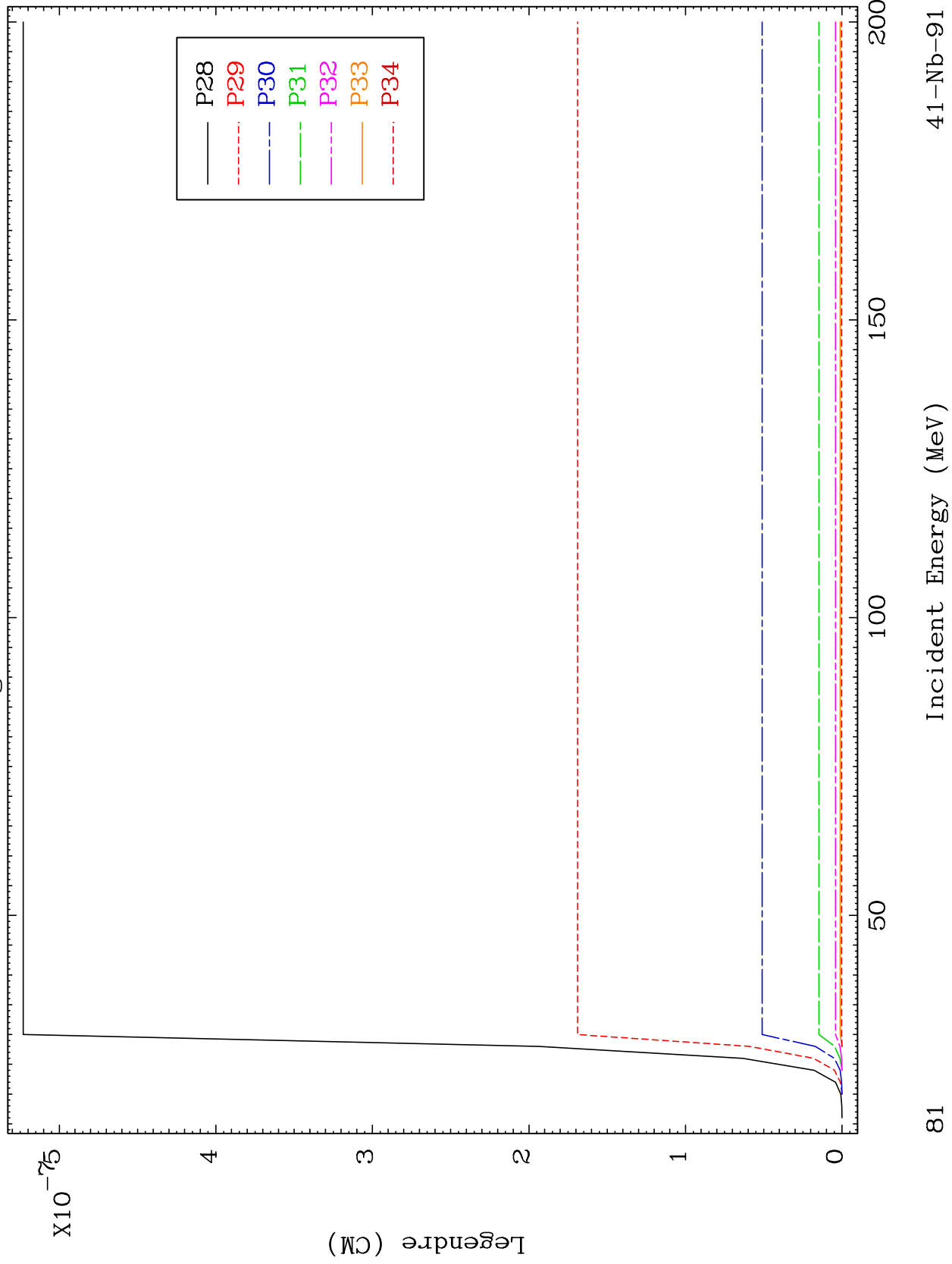
41-Nb-91

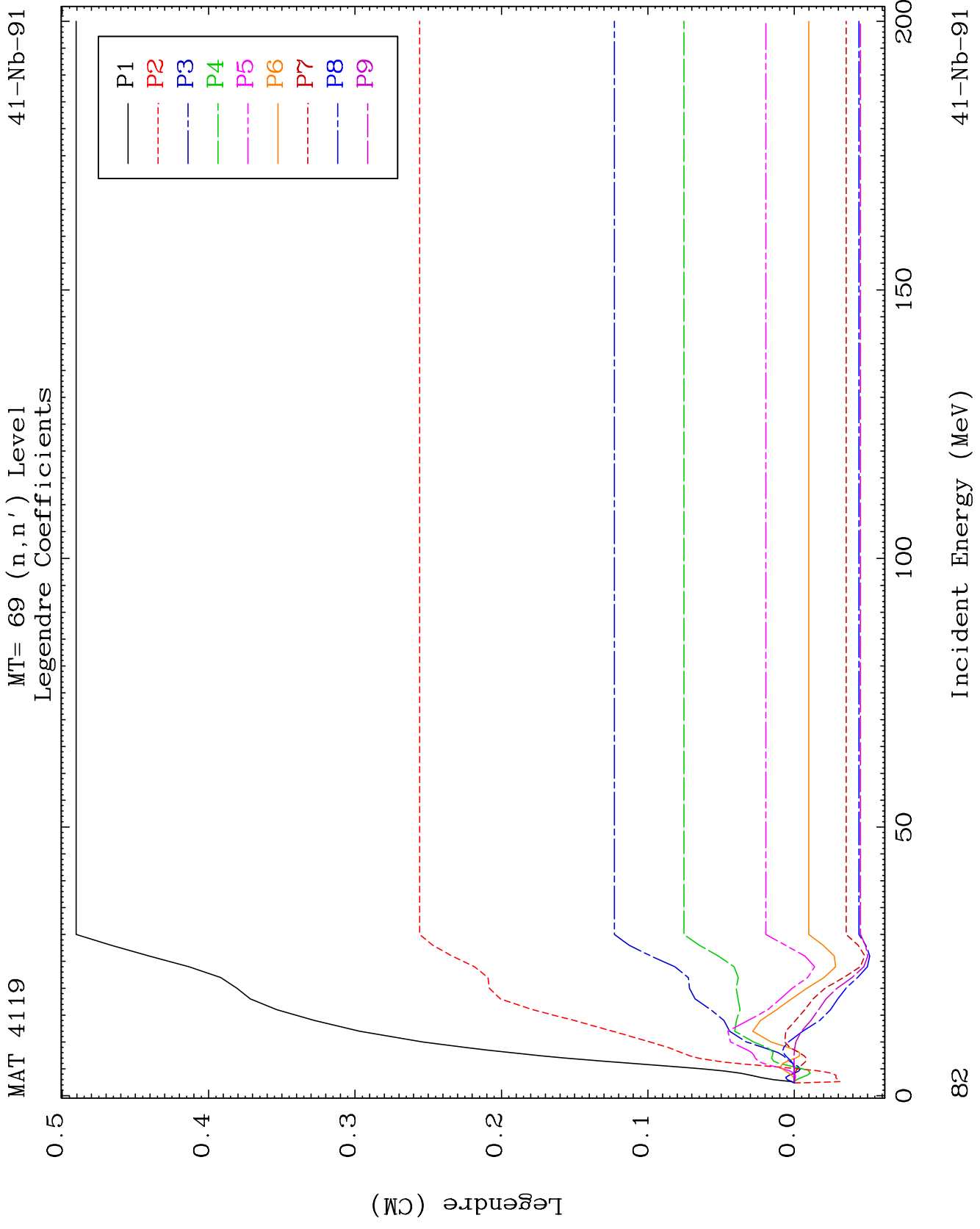


MAT 4119

MT= 68 (n,n') Level
Legendre Coefficients

41-Nb-91

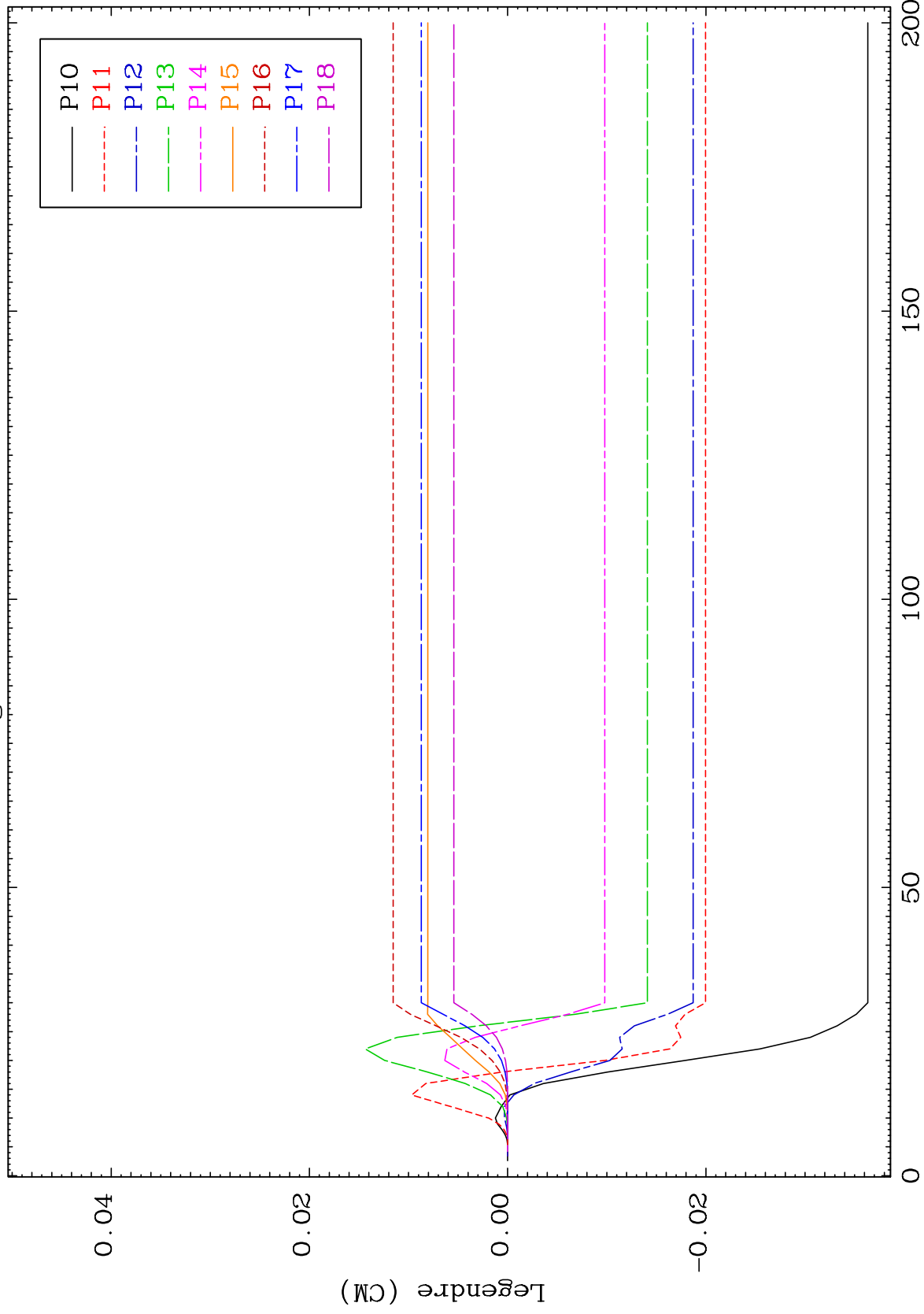




MAT 4119

MT= 69 (n,n') Level
Legendre Coefficients

41-Nb-91



83

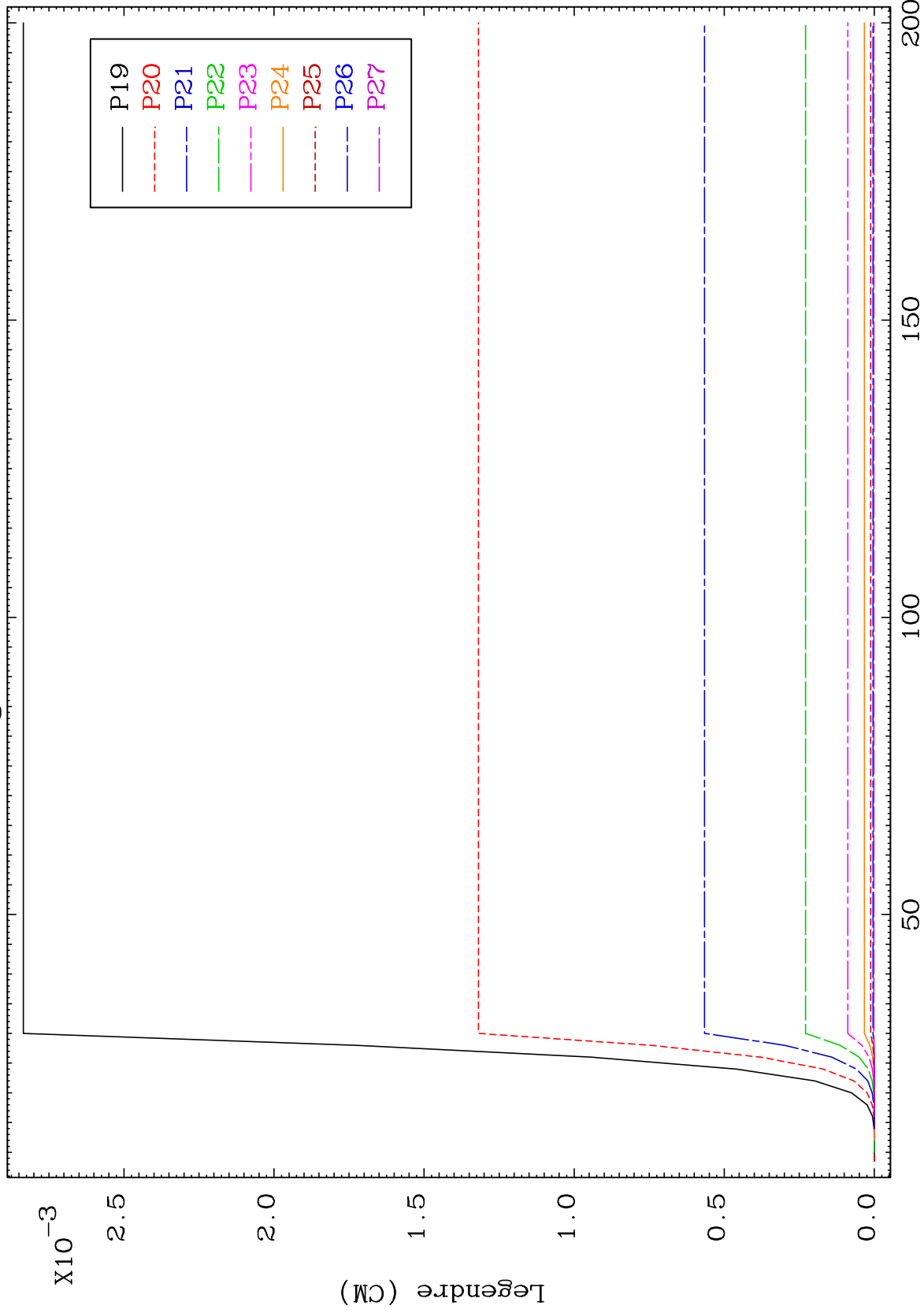
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 69 (n,n') Level
Legendre Coefficients

41-Nb-91



84

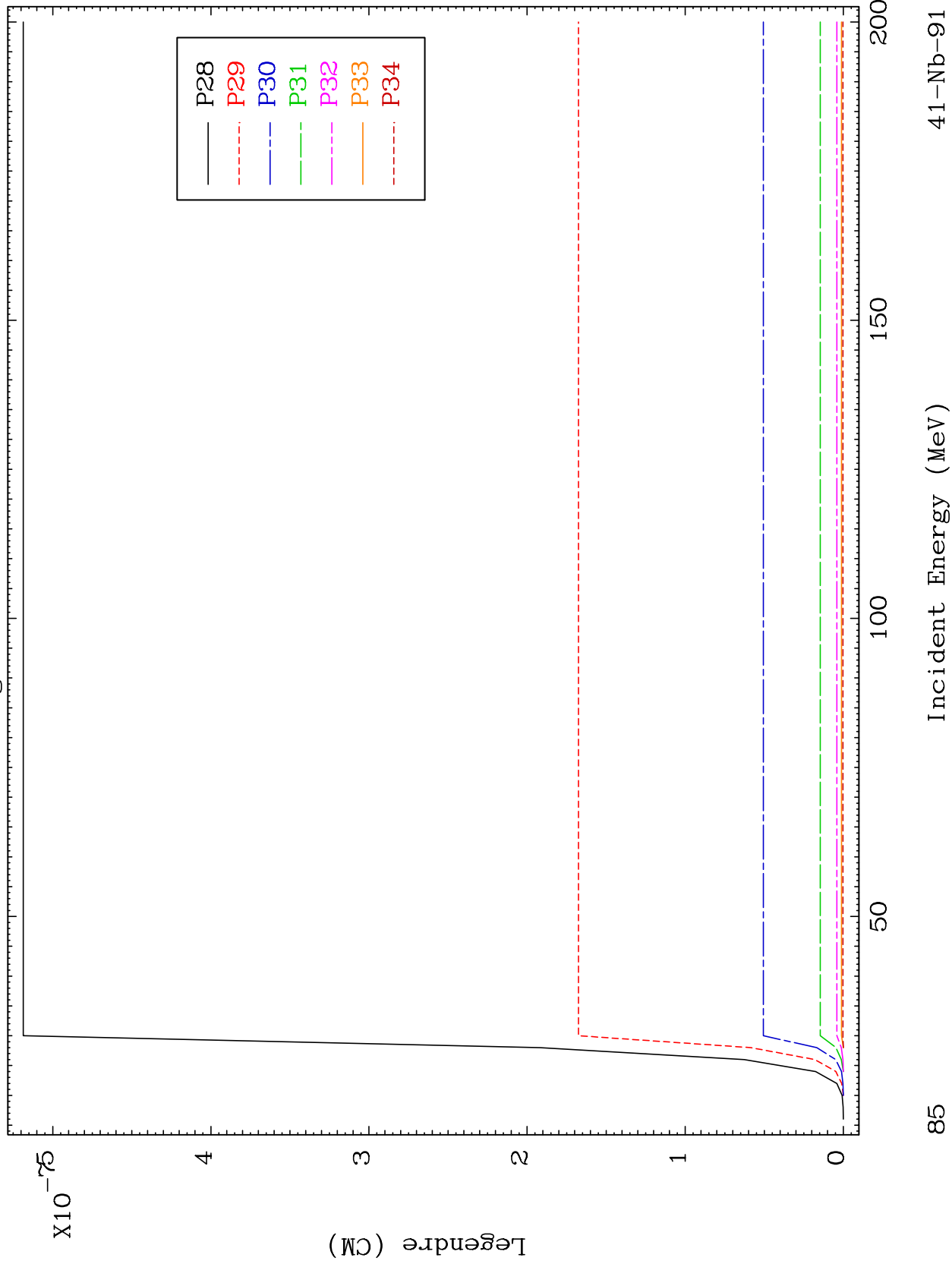
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 69 (n,n') Level
Legendre Coefficients

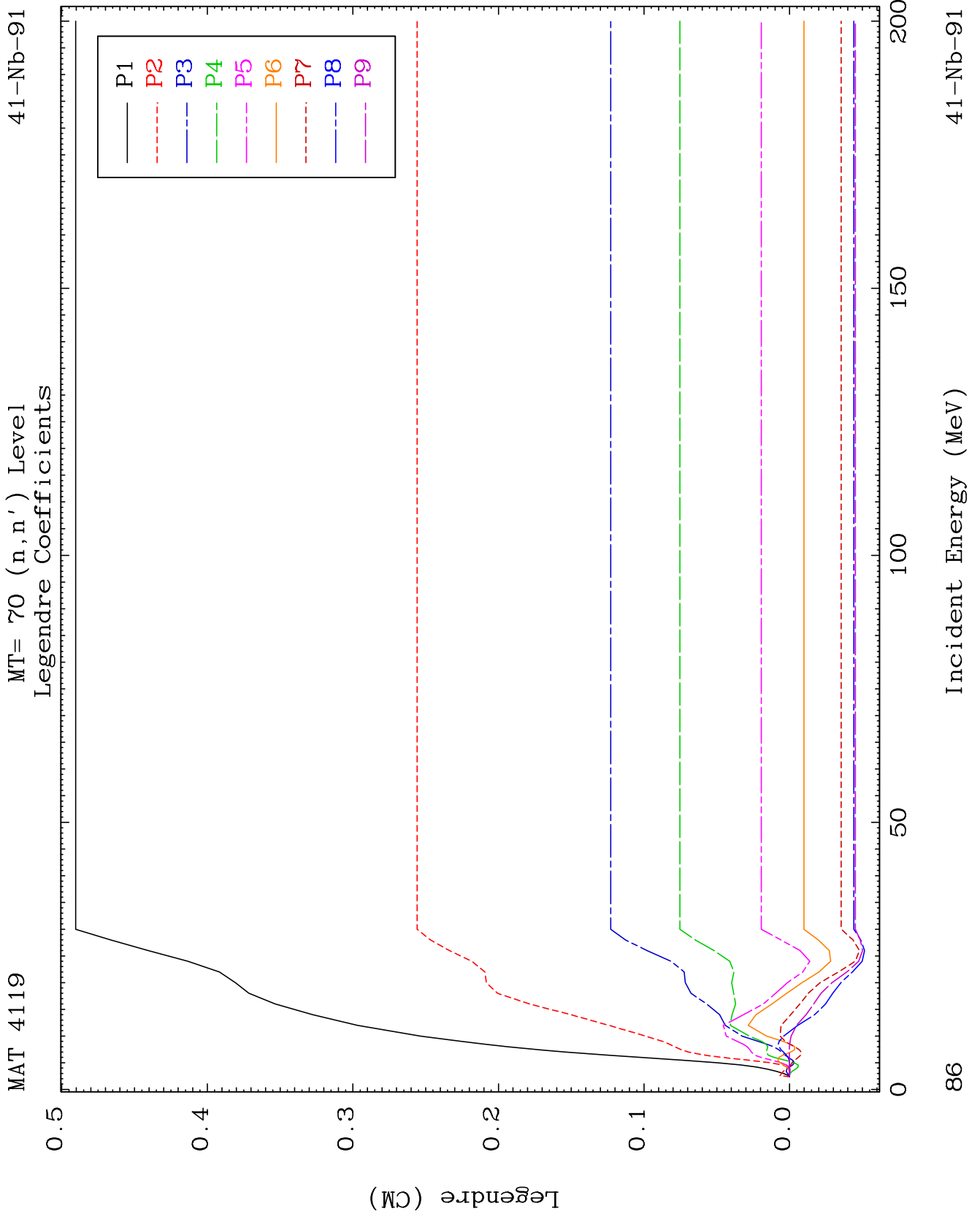
41-Nb-91



85

Incident Energy (MeV)

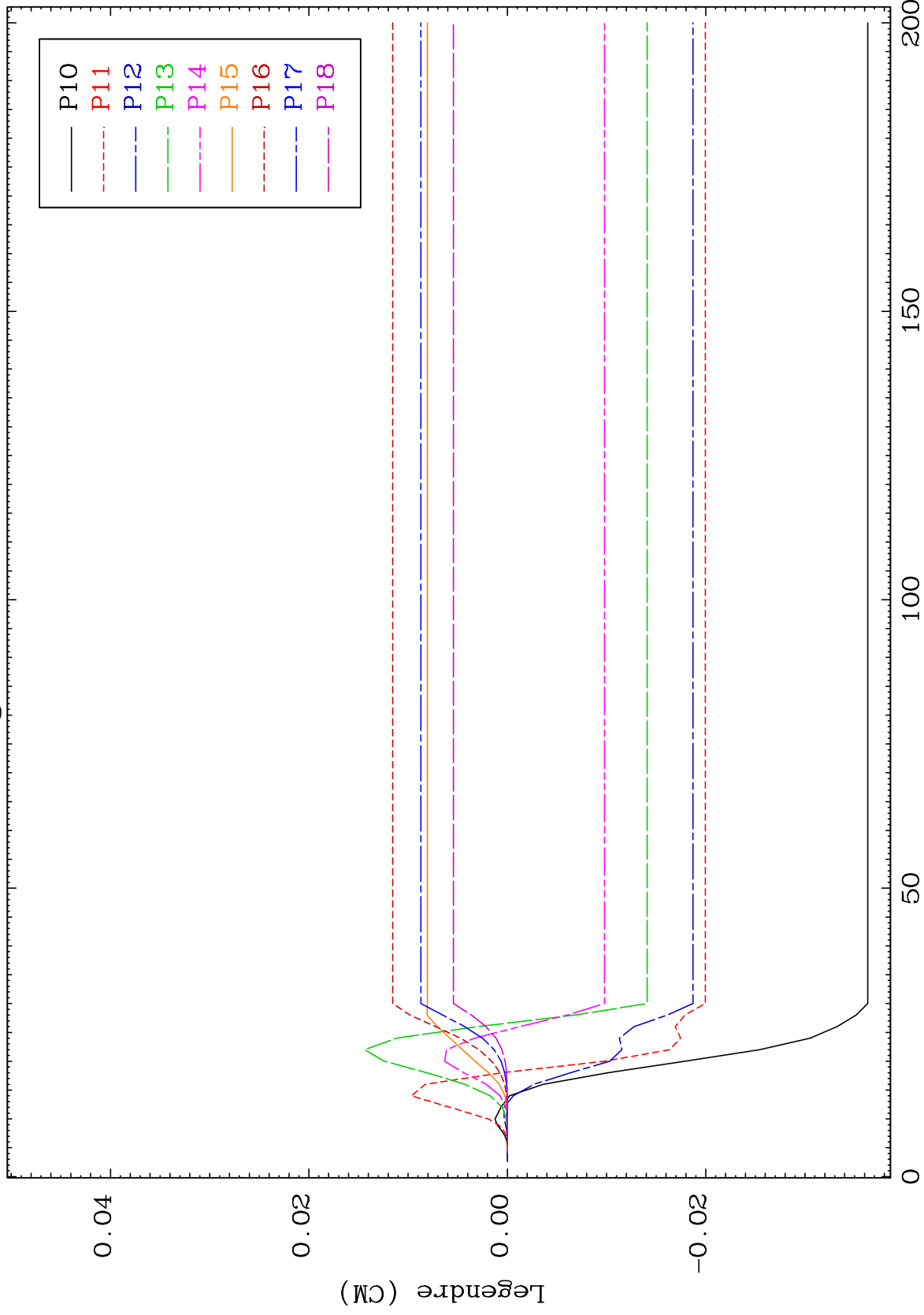
41-Nb-91



MAT 4119

MT= 70 (n,n') Level
Legendre Coefficients

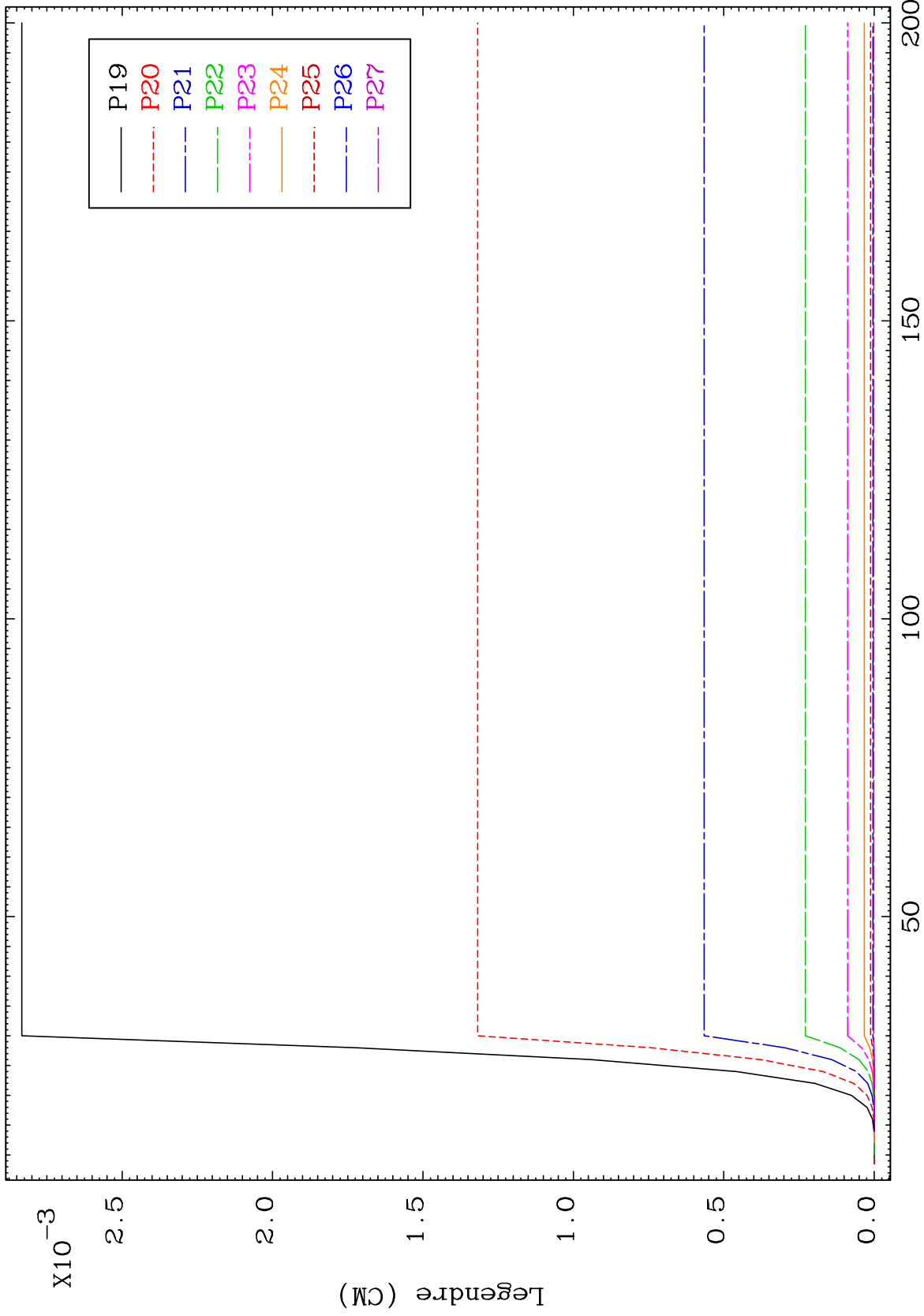
41-Nb-91



87

Incident Energy (MeV)

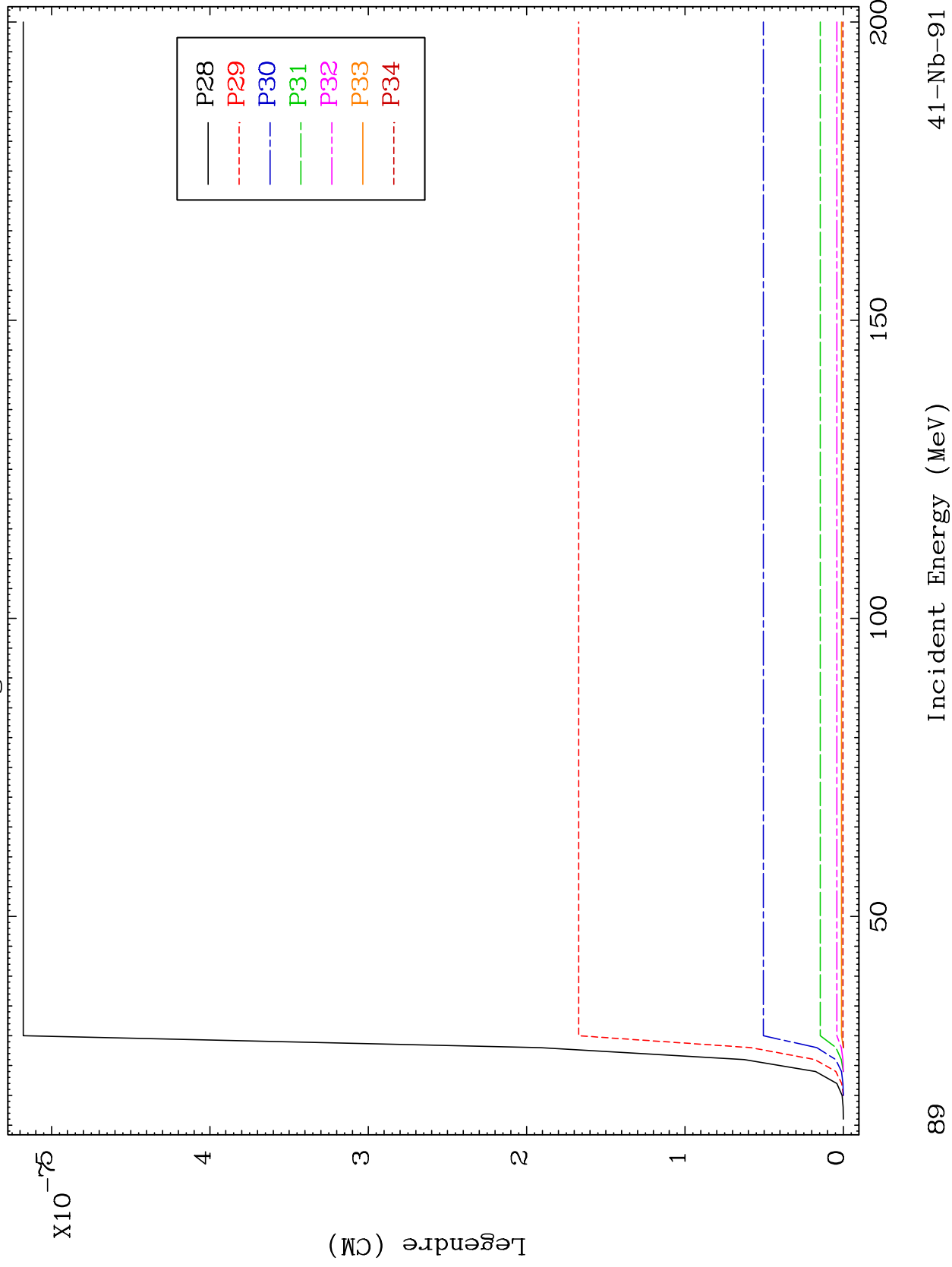
41-Nb-91



MAT 4119

MT= 70 (n,n') Level
Legendre Coefficients

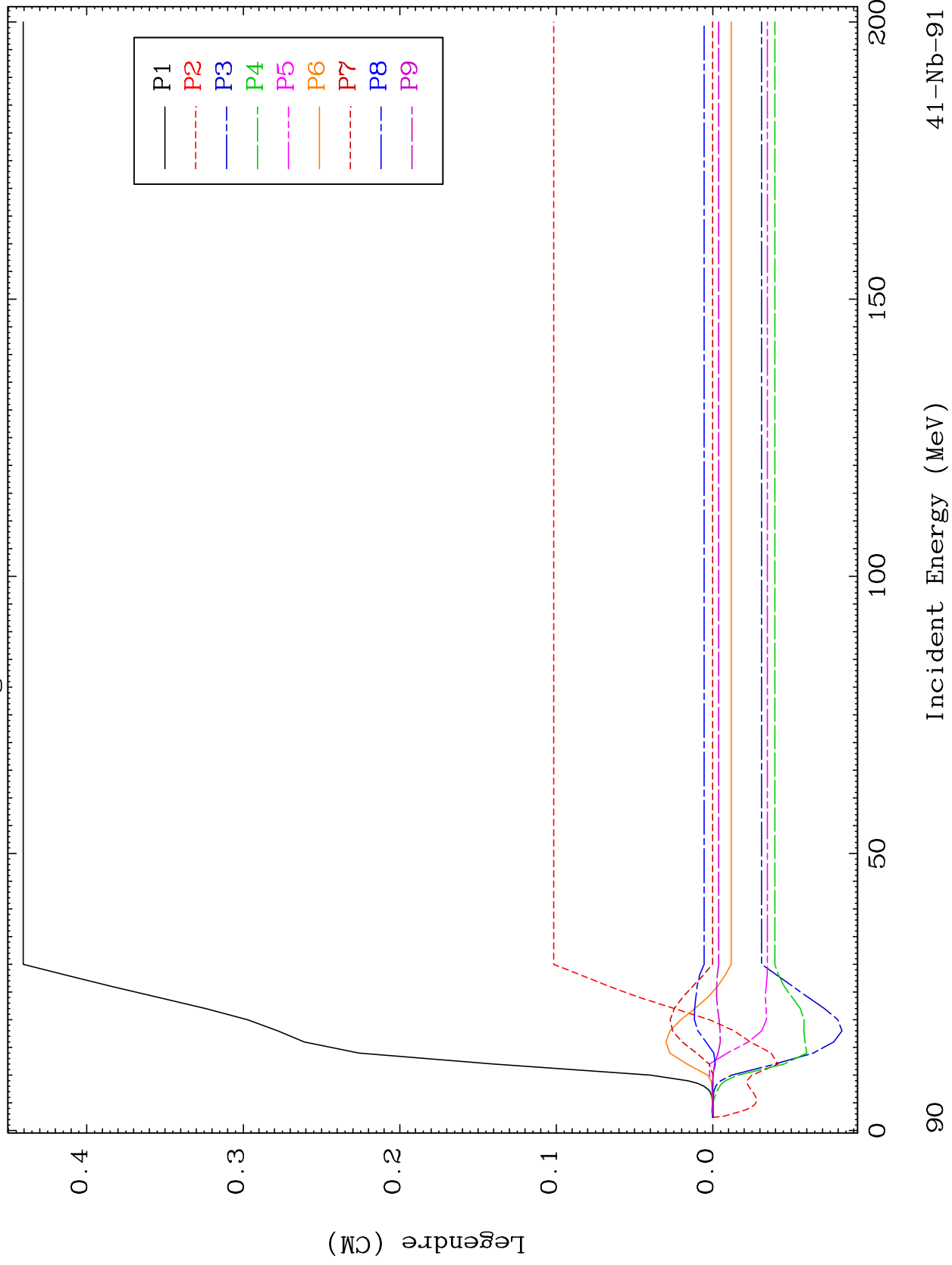
41-Nb-91



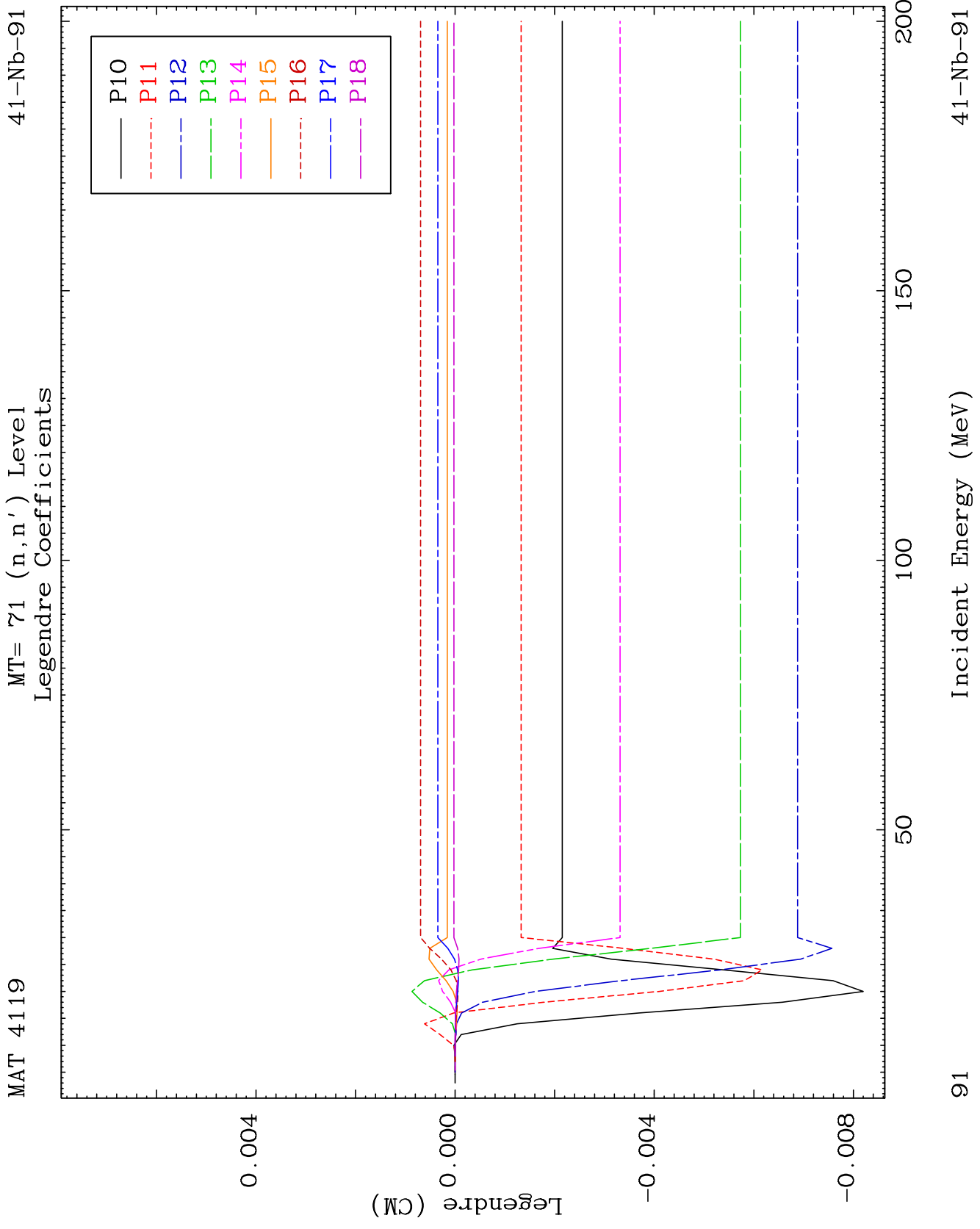
MAT 4119

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-91



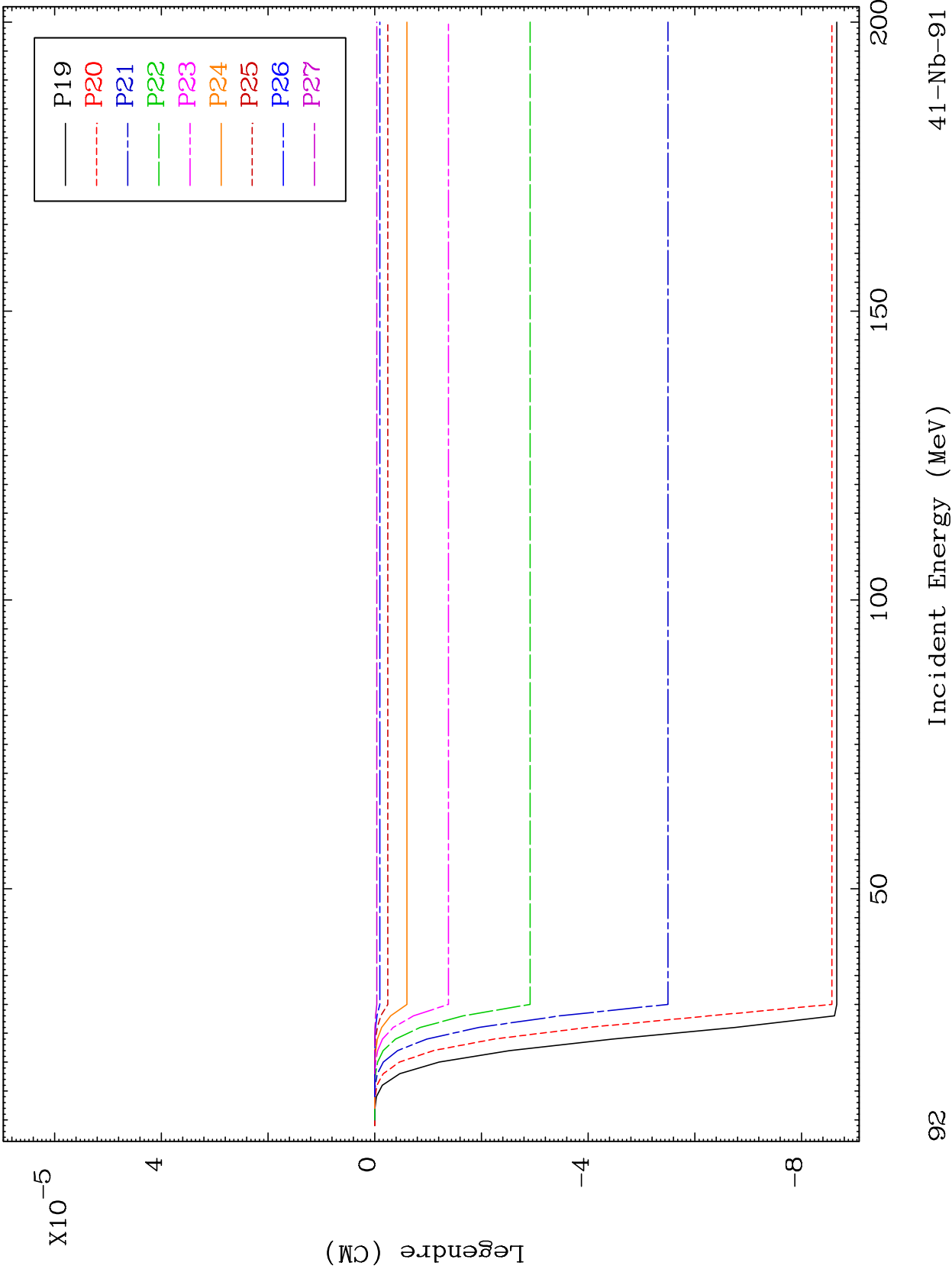
41-Nb-91



MAT 4119

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-91



92

Incident Energy (MeV)

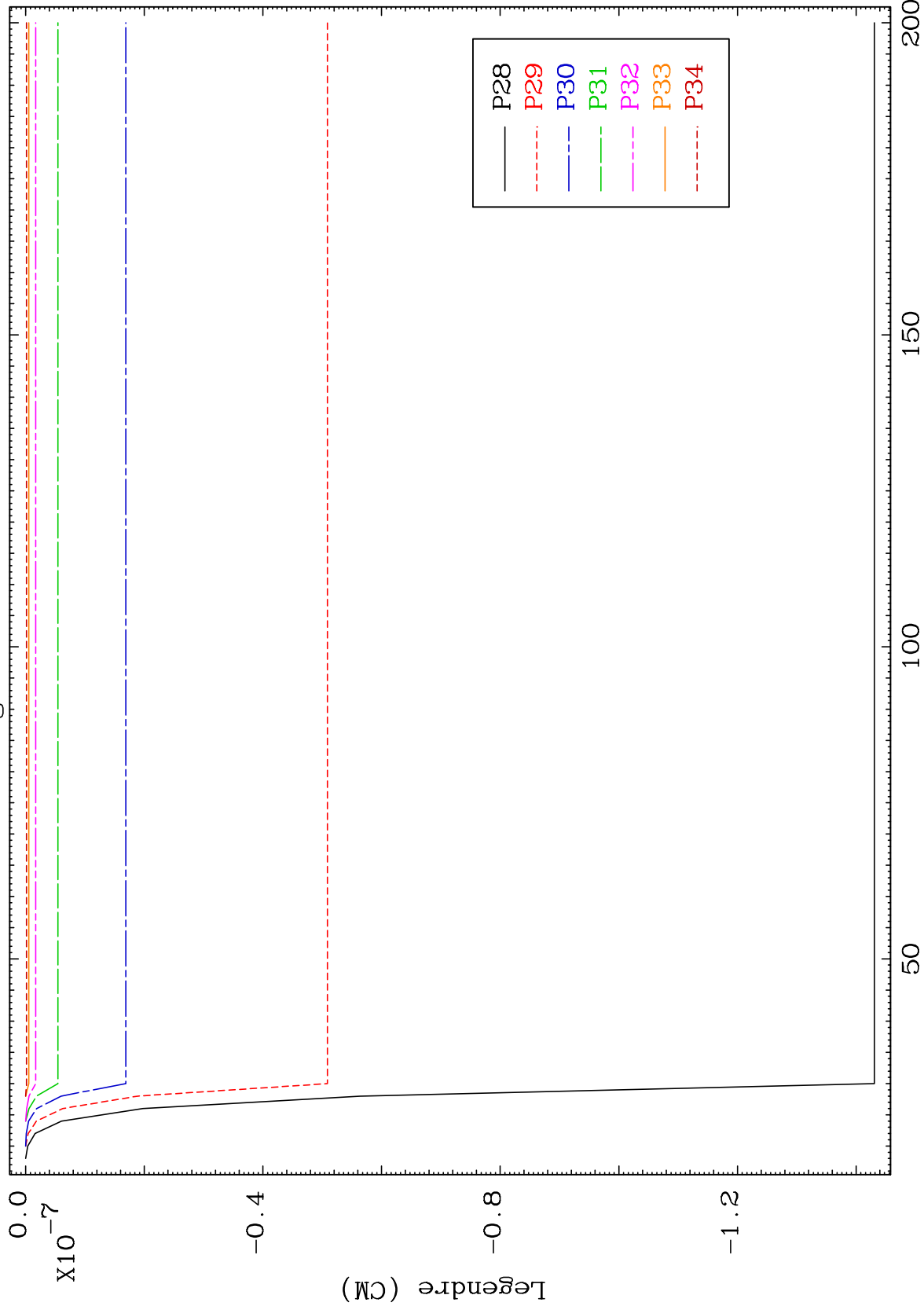
41-Nb-91

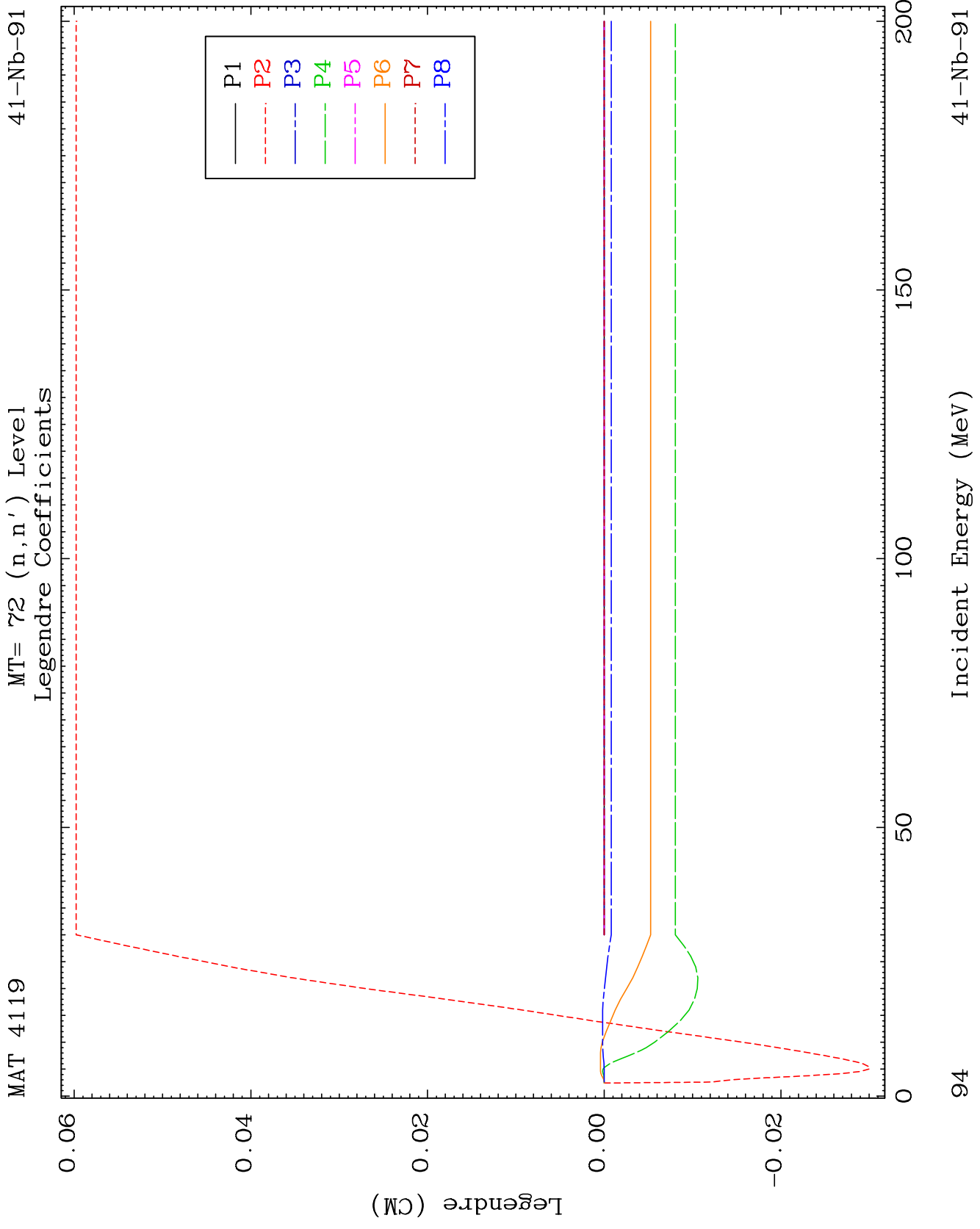
MAT 4119

MT= 71 (n,n') Level

41-Nb-91

Legendre Coefficients

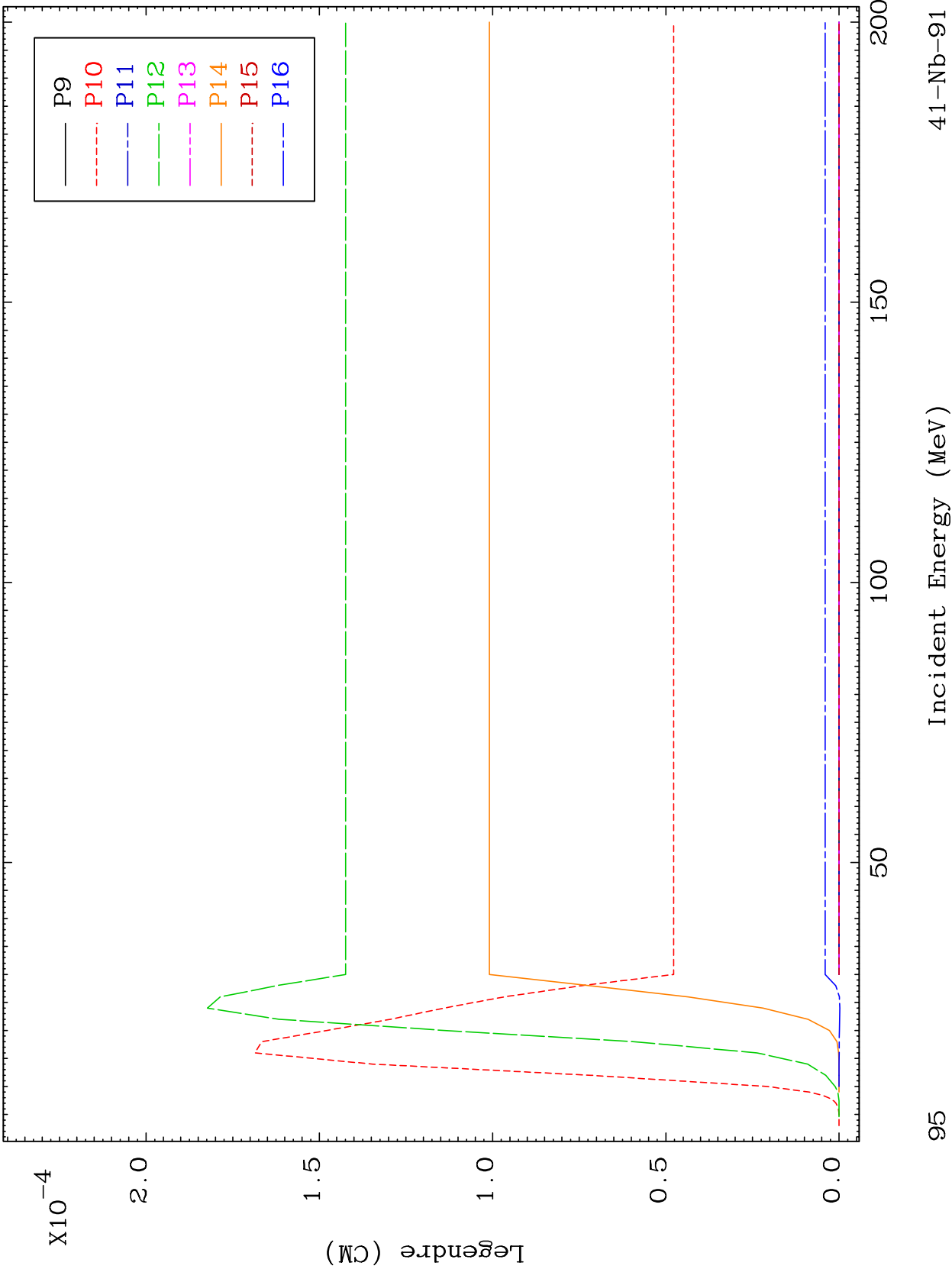




MAT 4119

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-91



41-Nb-91

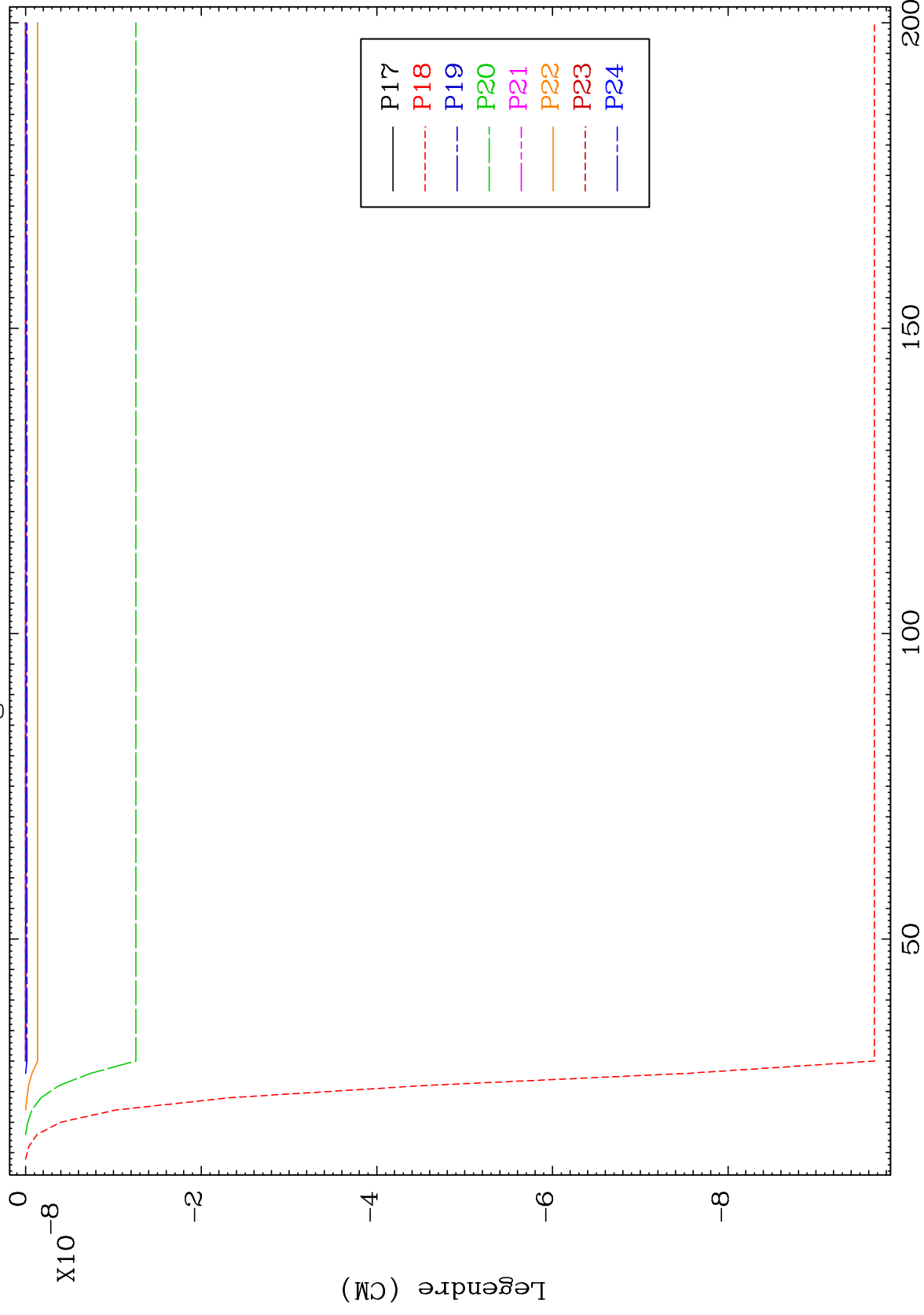
Incident Energy (MeV)

95

MAT 4119

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-91



96

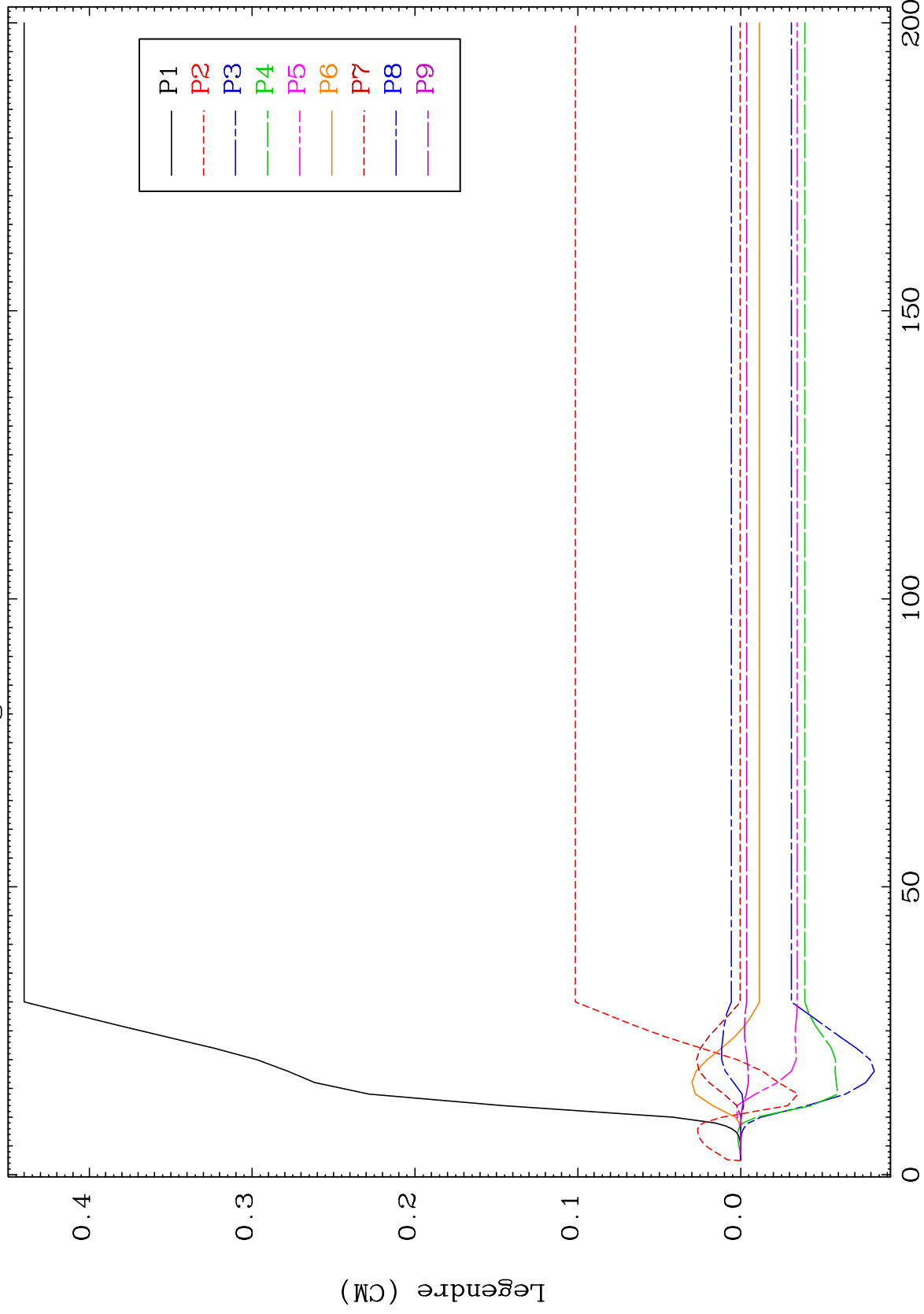
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-91



97

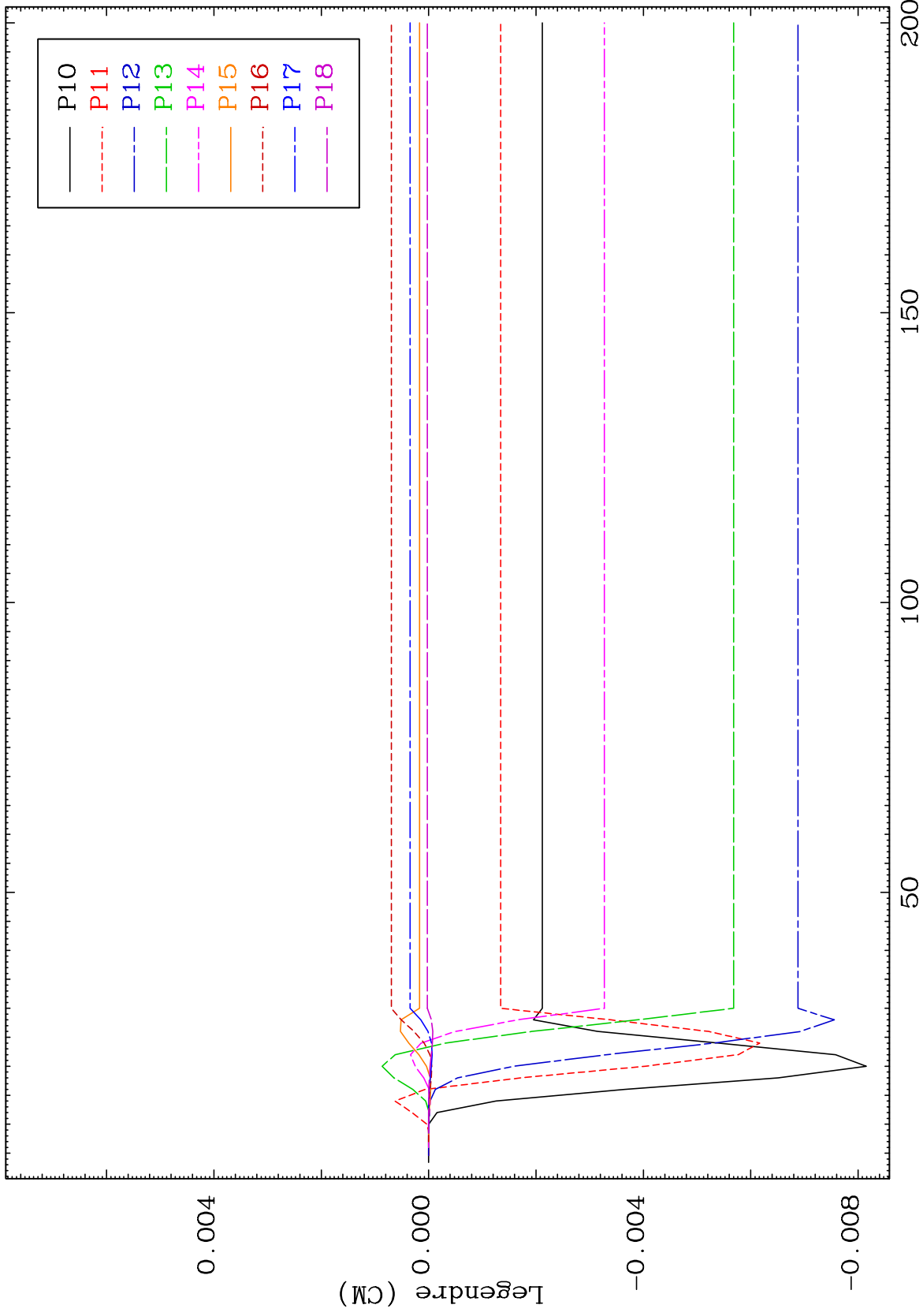
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-91



98

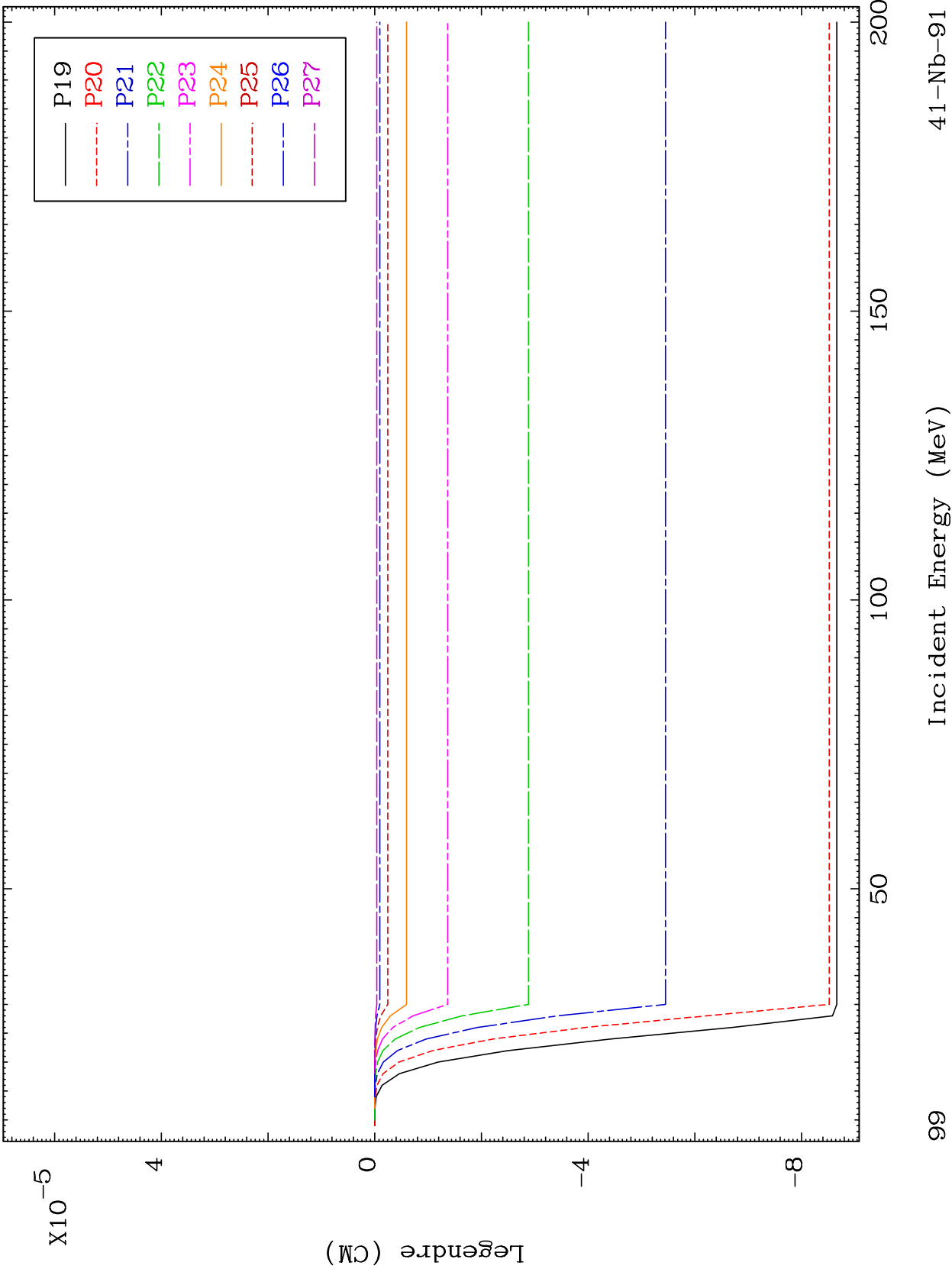
Incident Energy (MeV)

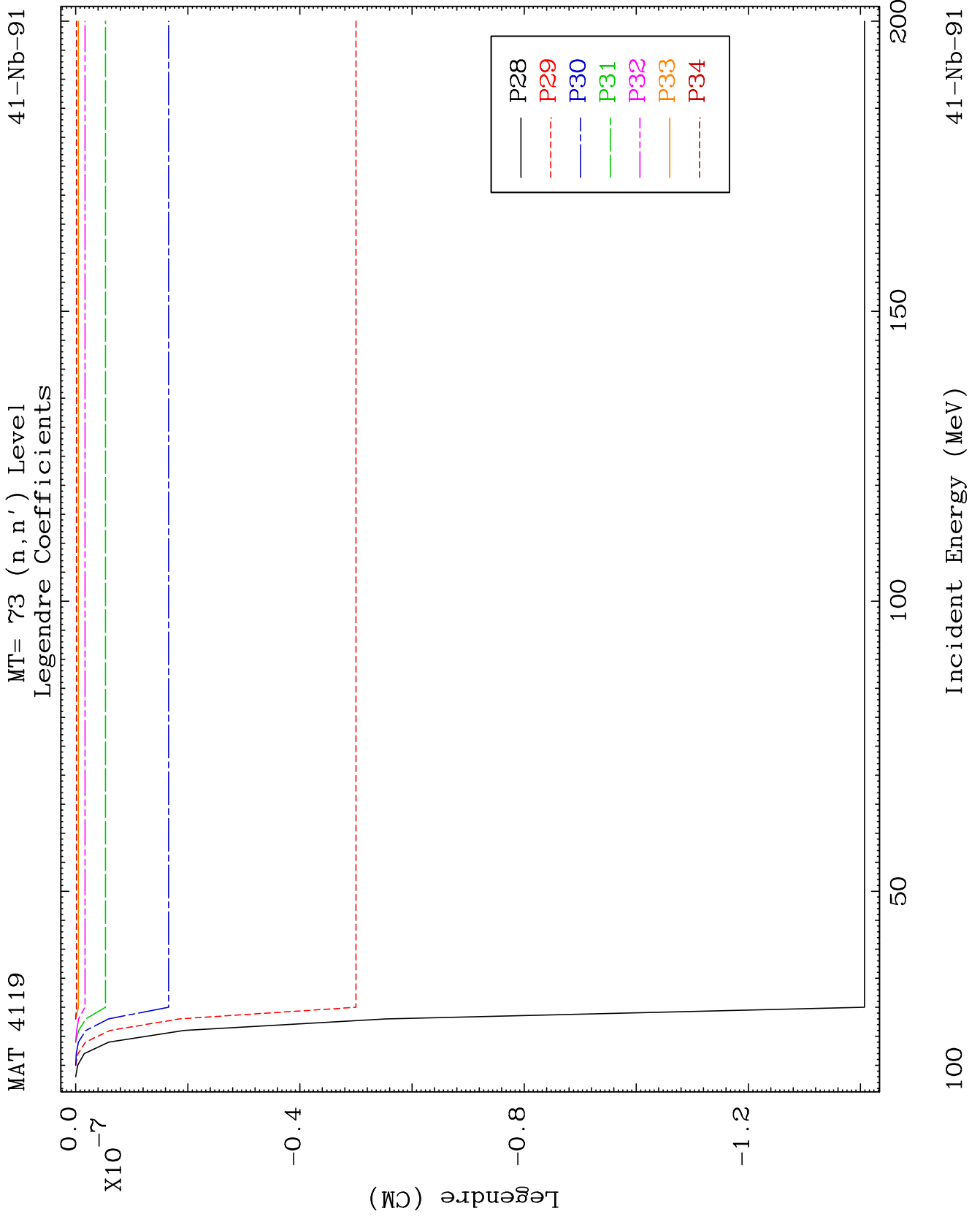
41-Nb-91

MAT 4119

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-91

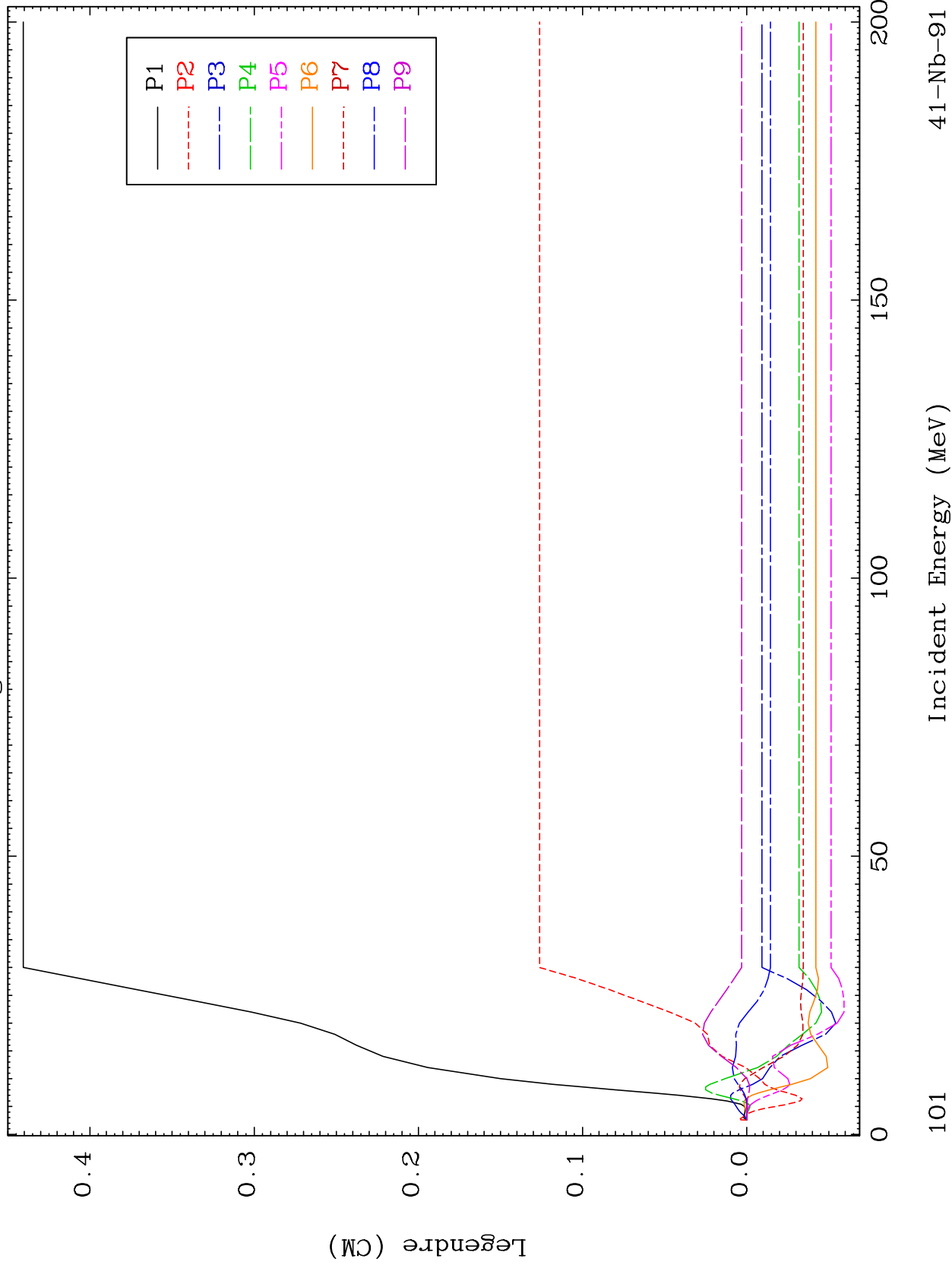




MAT 4119

MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-91



41-Nb-91

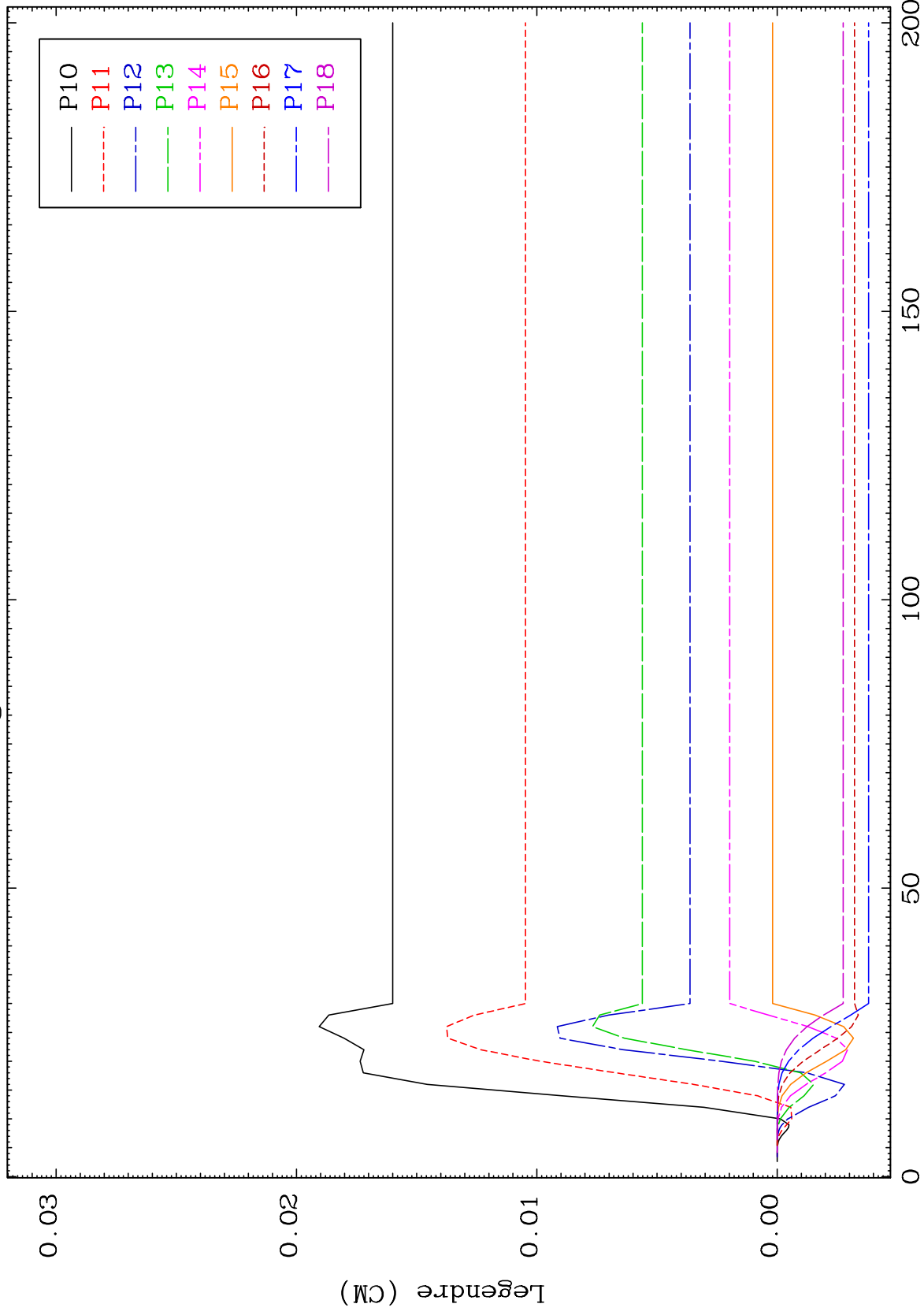
Incident Energy (MeV)

101

MAT 4119

MT= 74 (n,n') Level
Legendre Coefficients

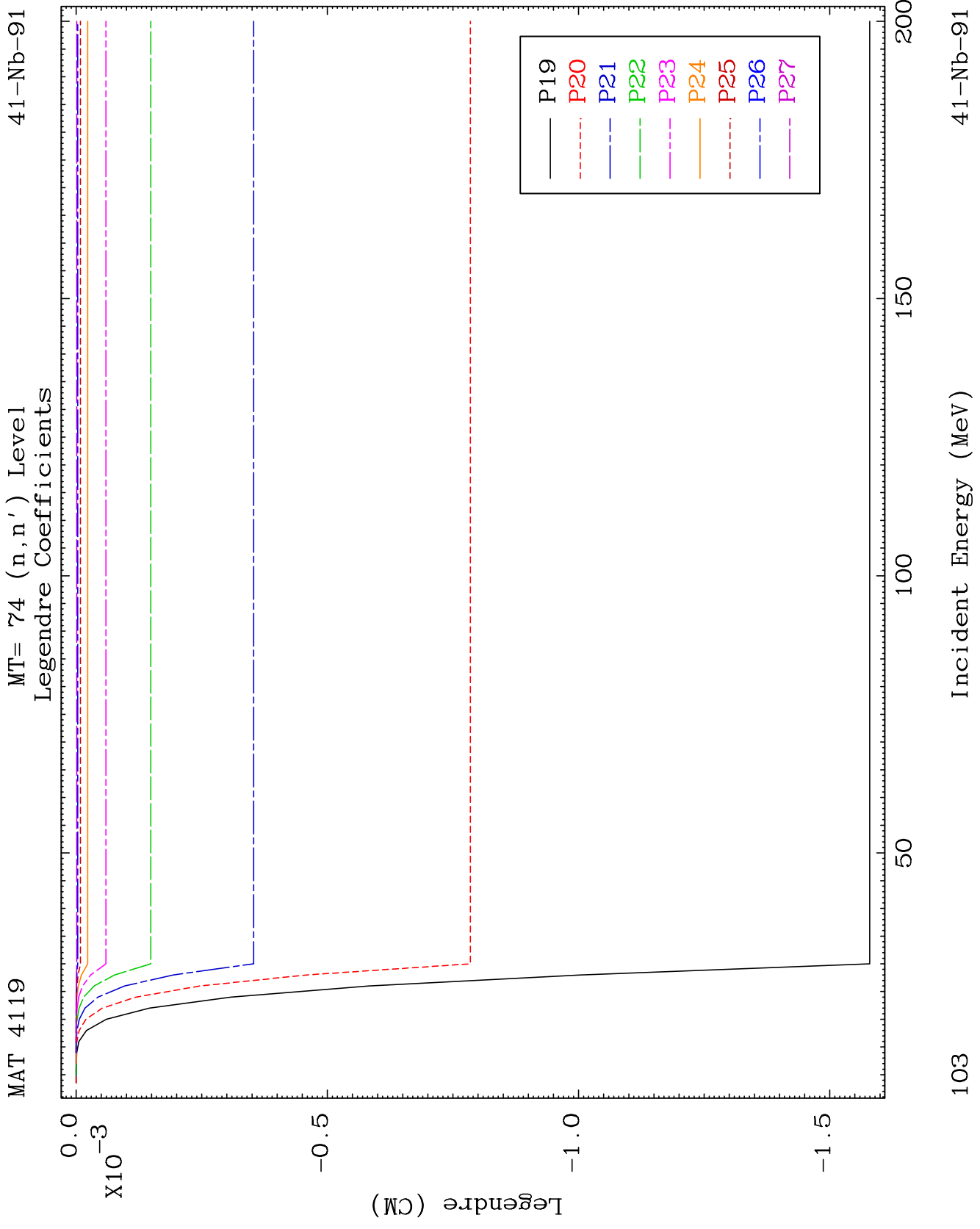
41-Nb-91

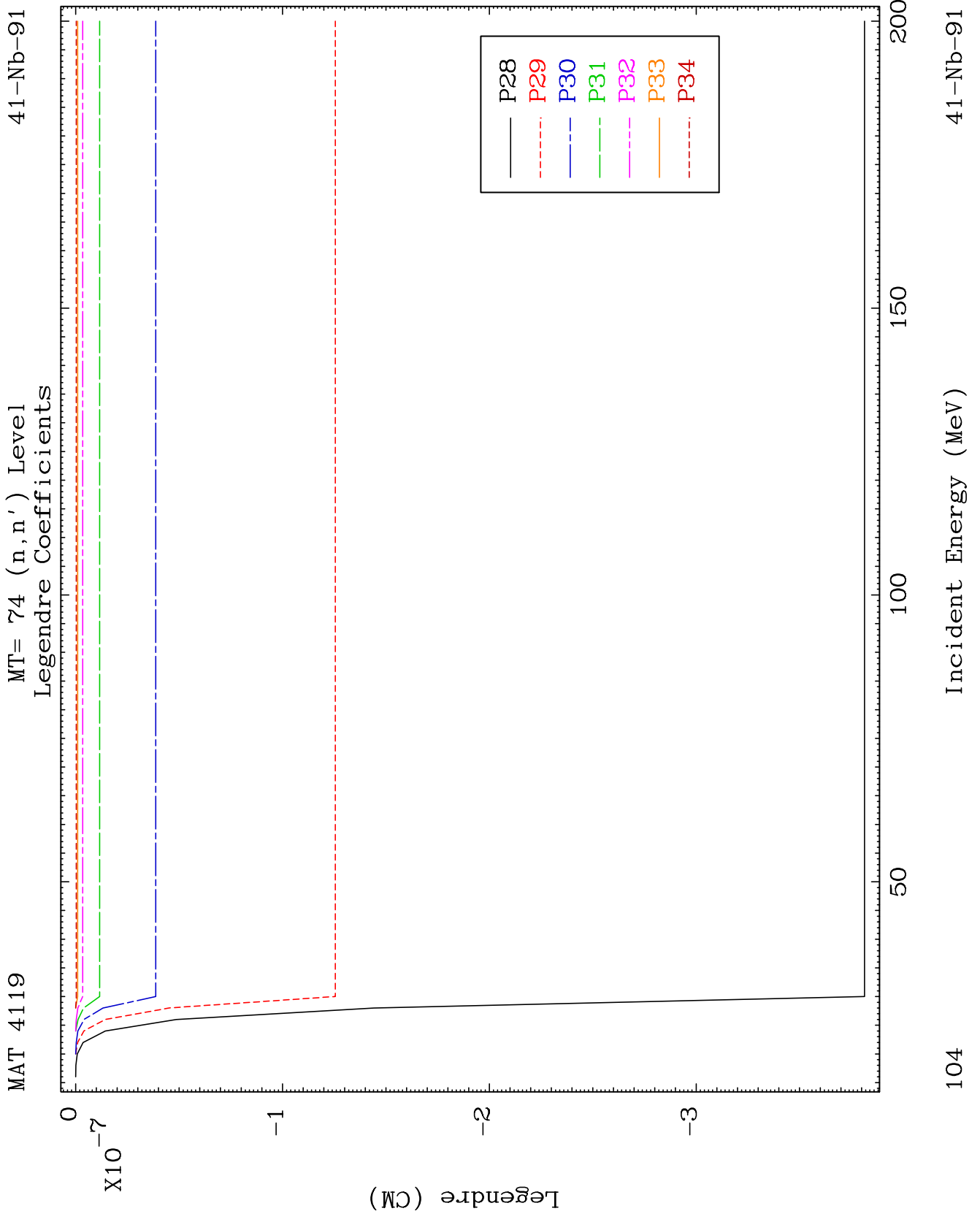


102

Incident Energy (MeV)

41-Nb-91

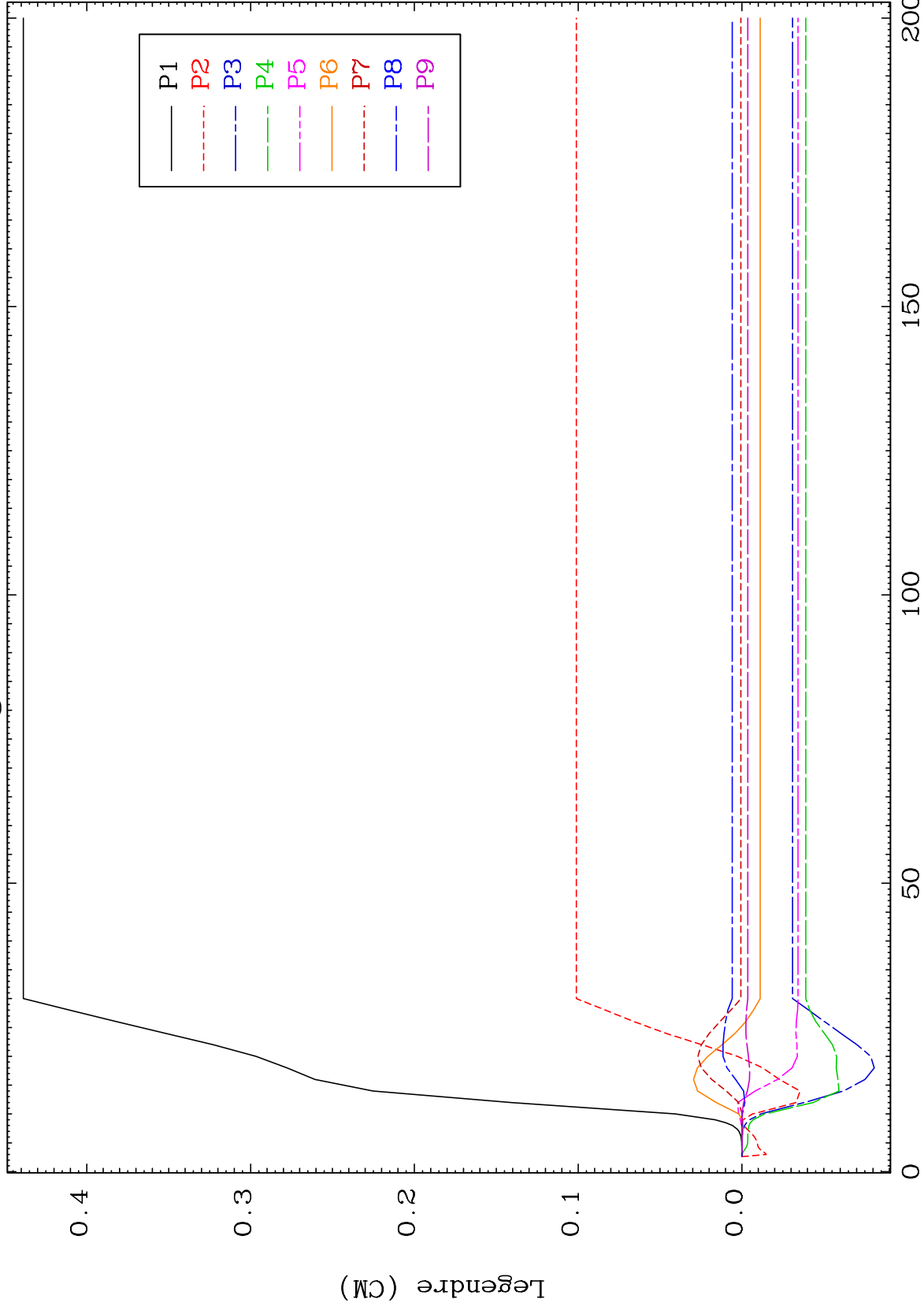




MAT 4119

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-91



105

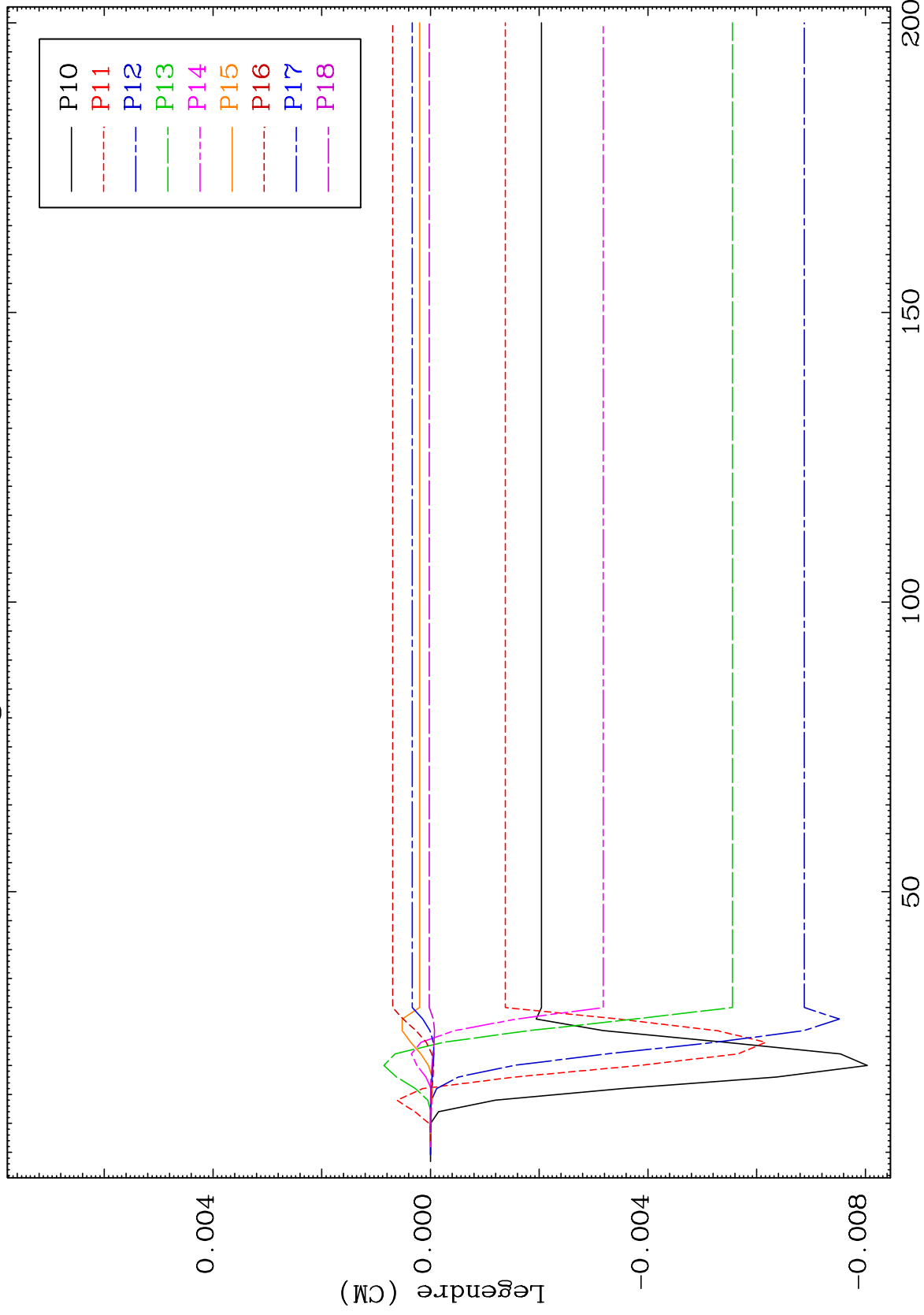
41-Nb-91

41-Nb-91

MAT 4119

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-91



106

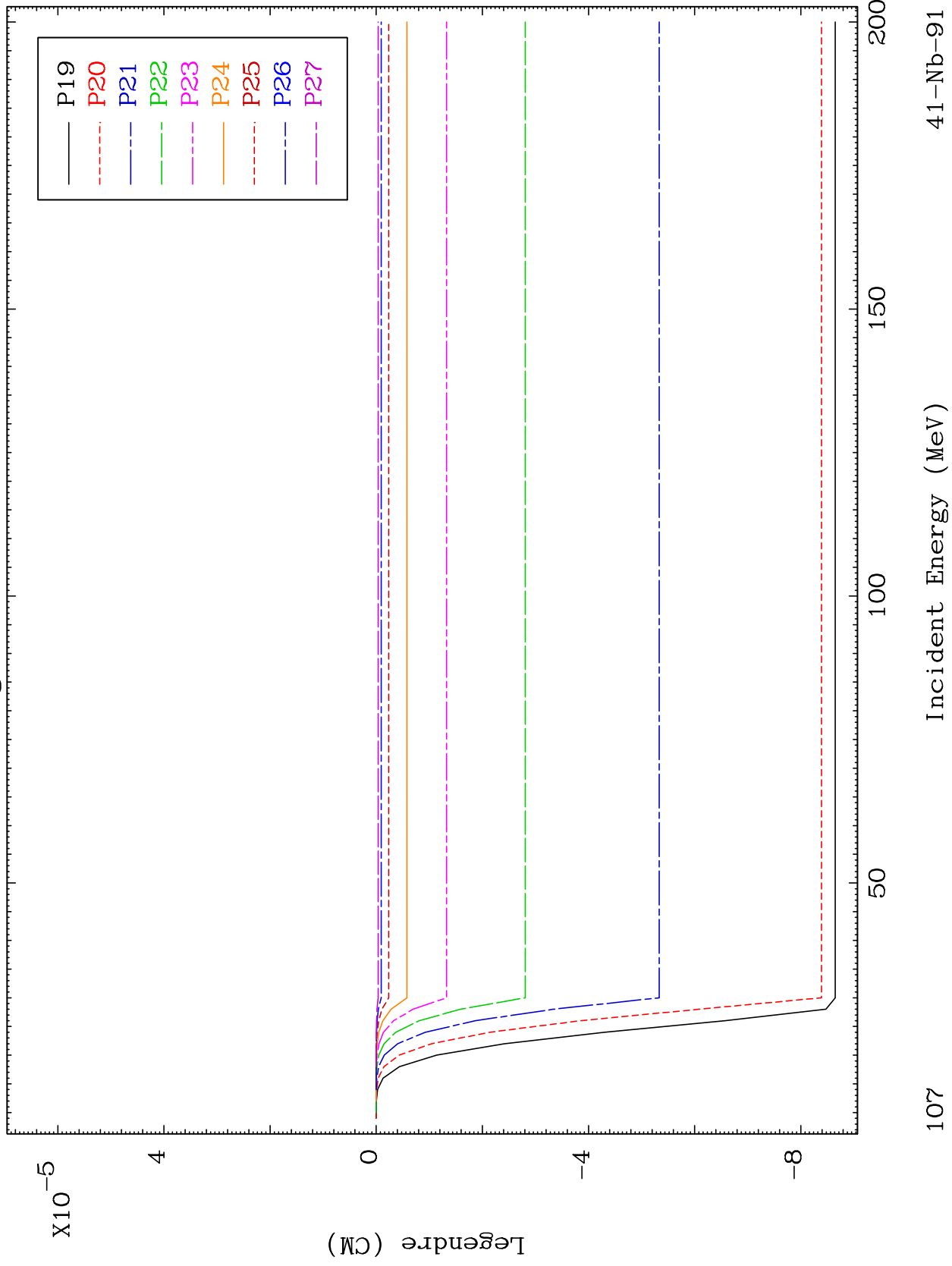
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 75 (n,n') Level
Legendre Coefficients

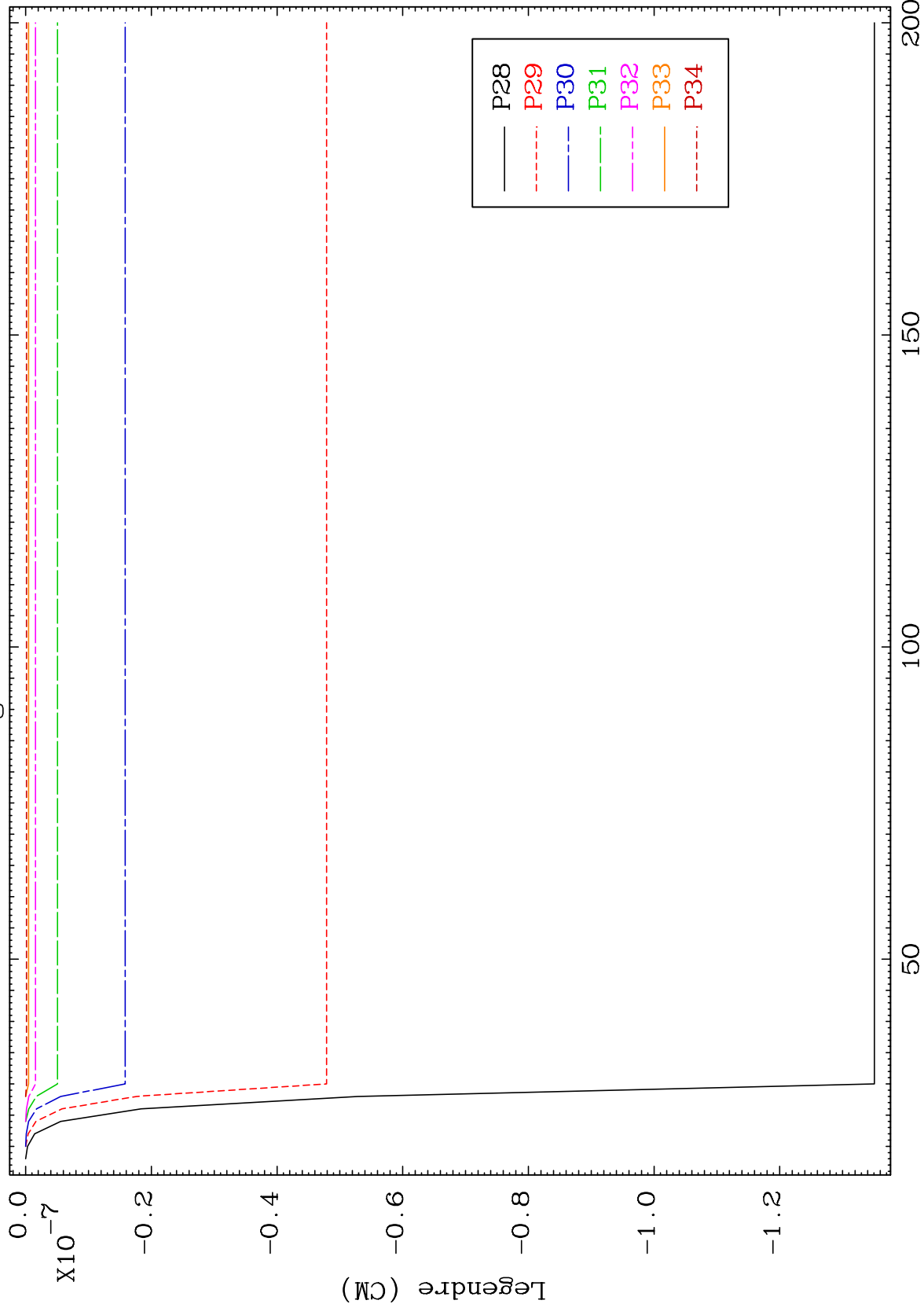
41-Nb-91



MAT 4119

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-91



108

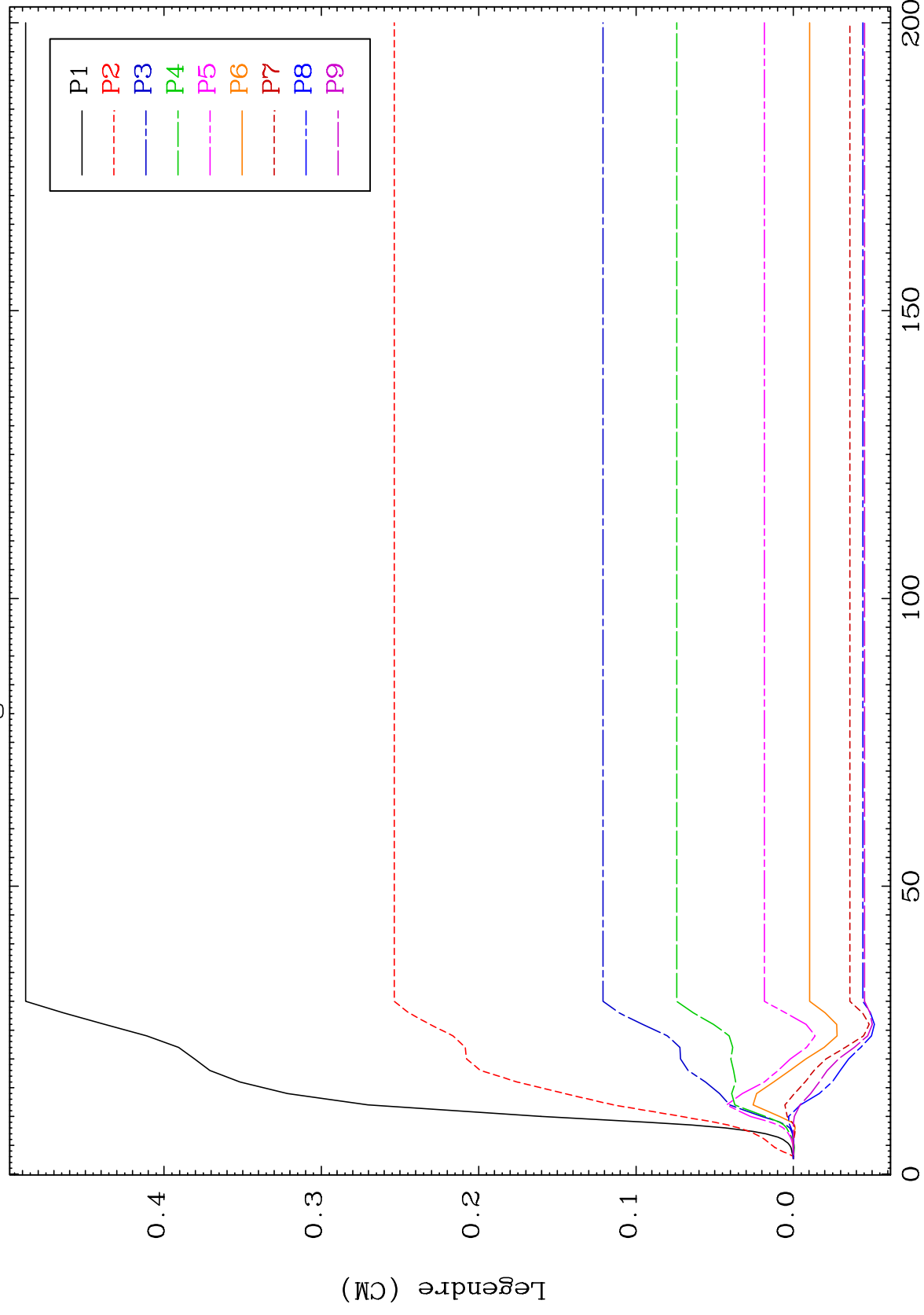
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-91



109

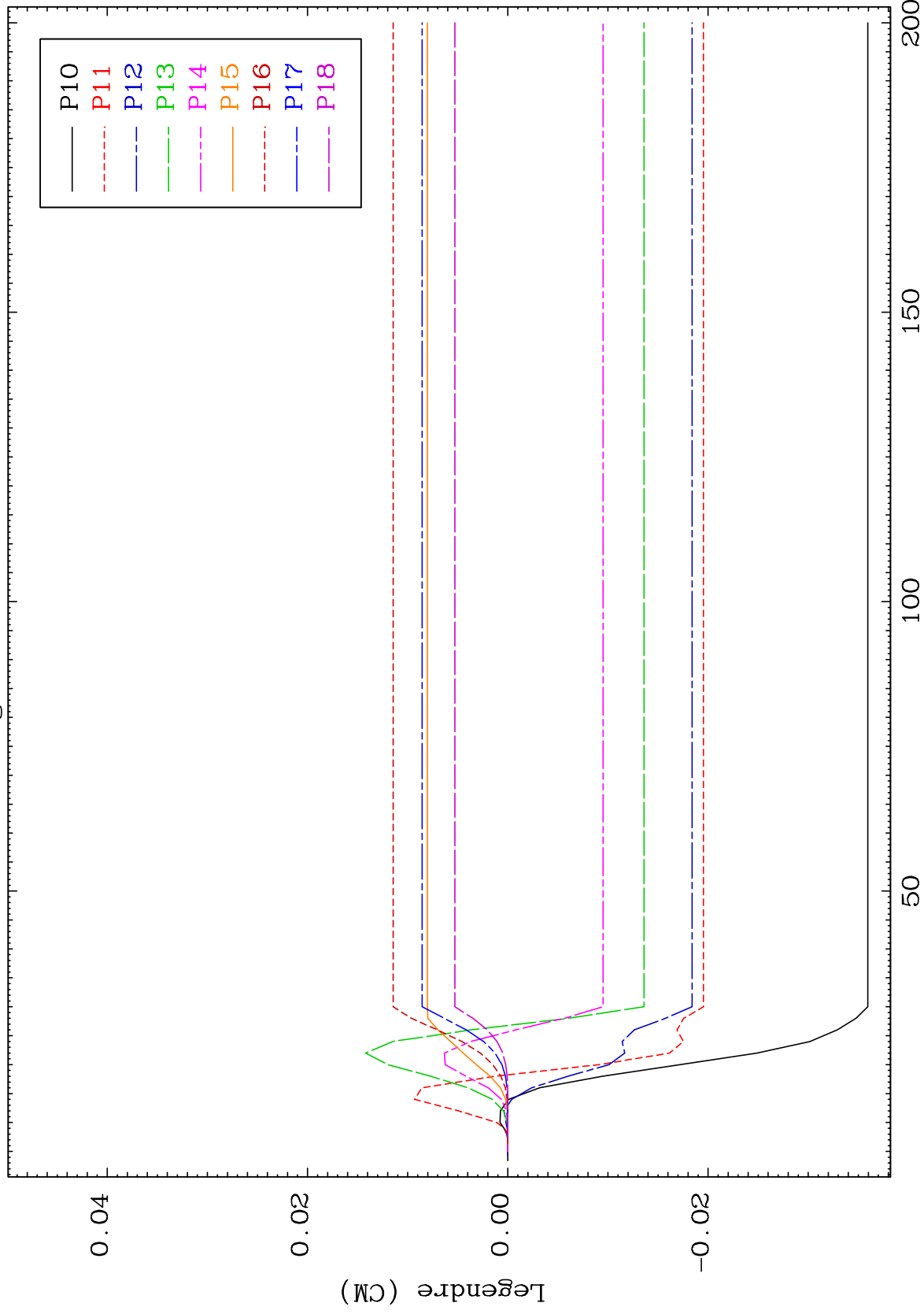
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-91



110

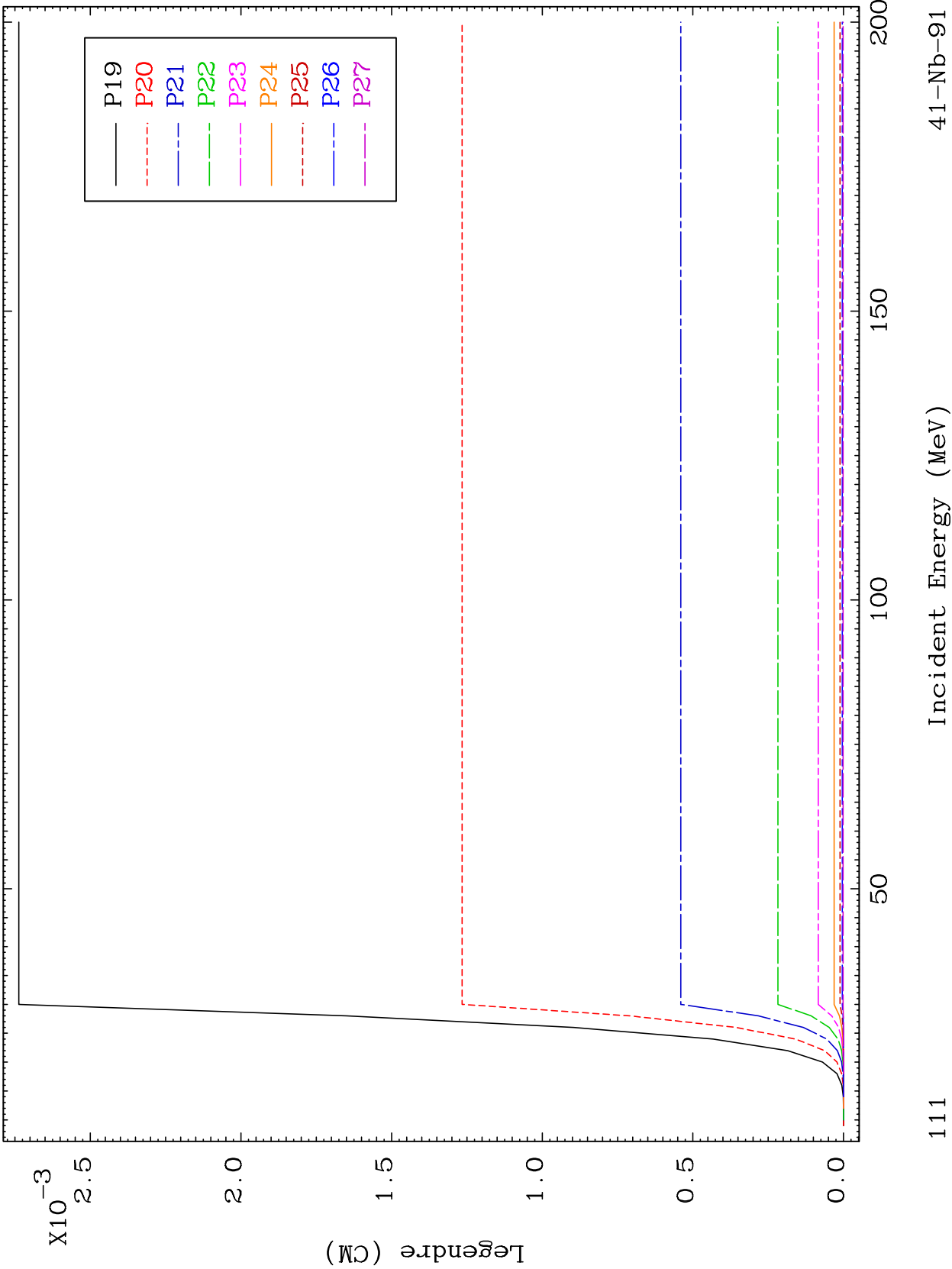
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-91



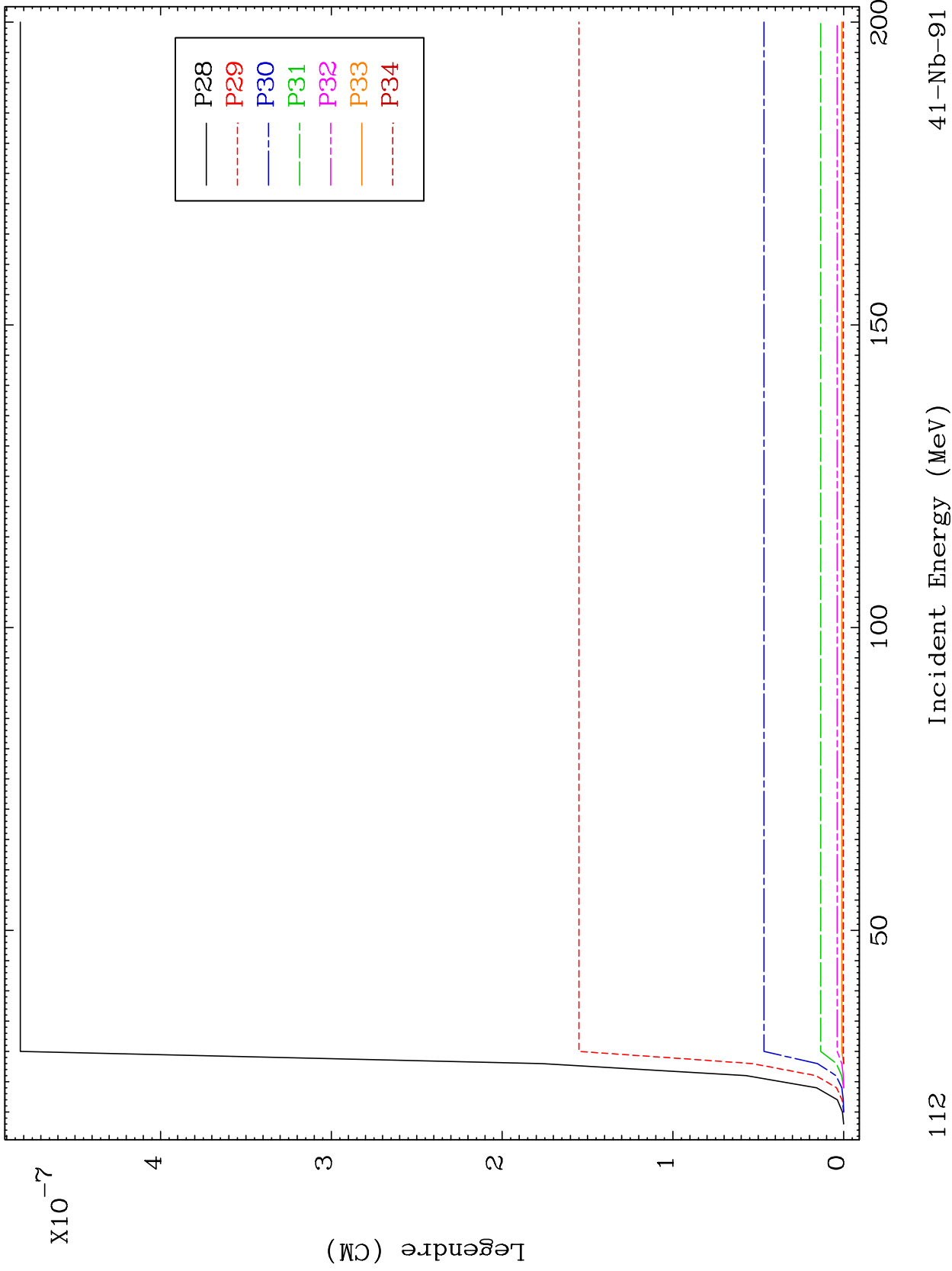
111

41-Nb-91

MAT 4119

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-91

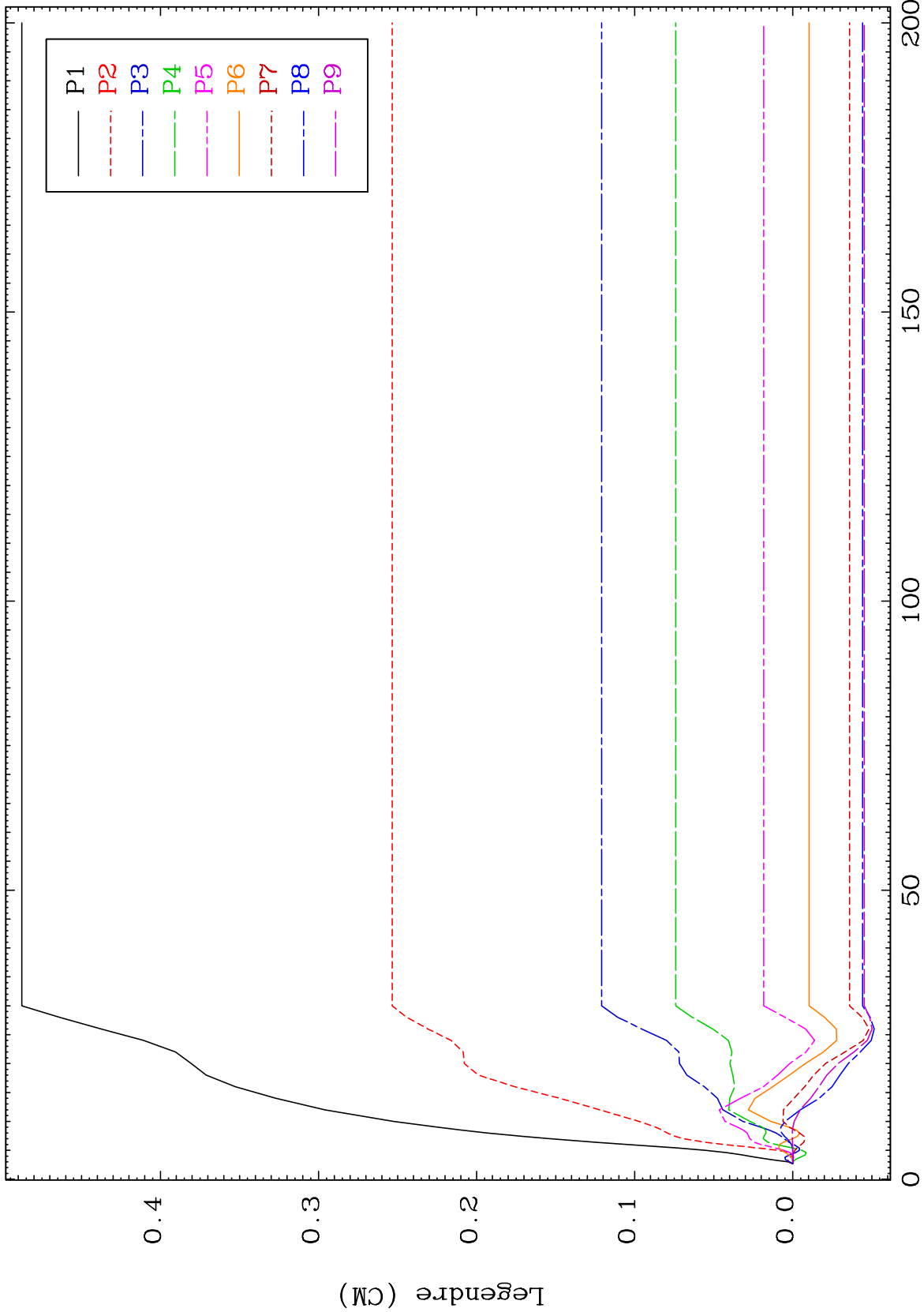


112

MAT 4119

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-91



113

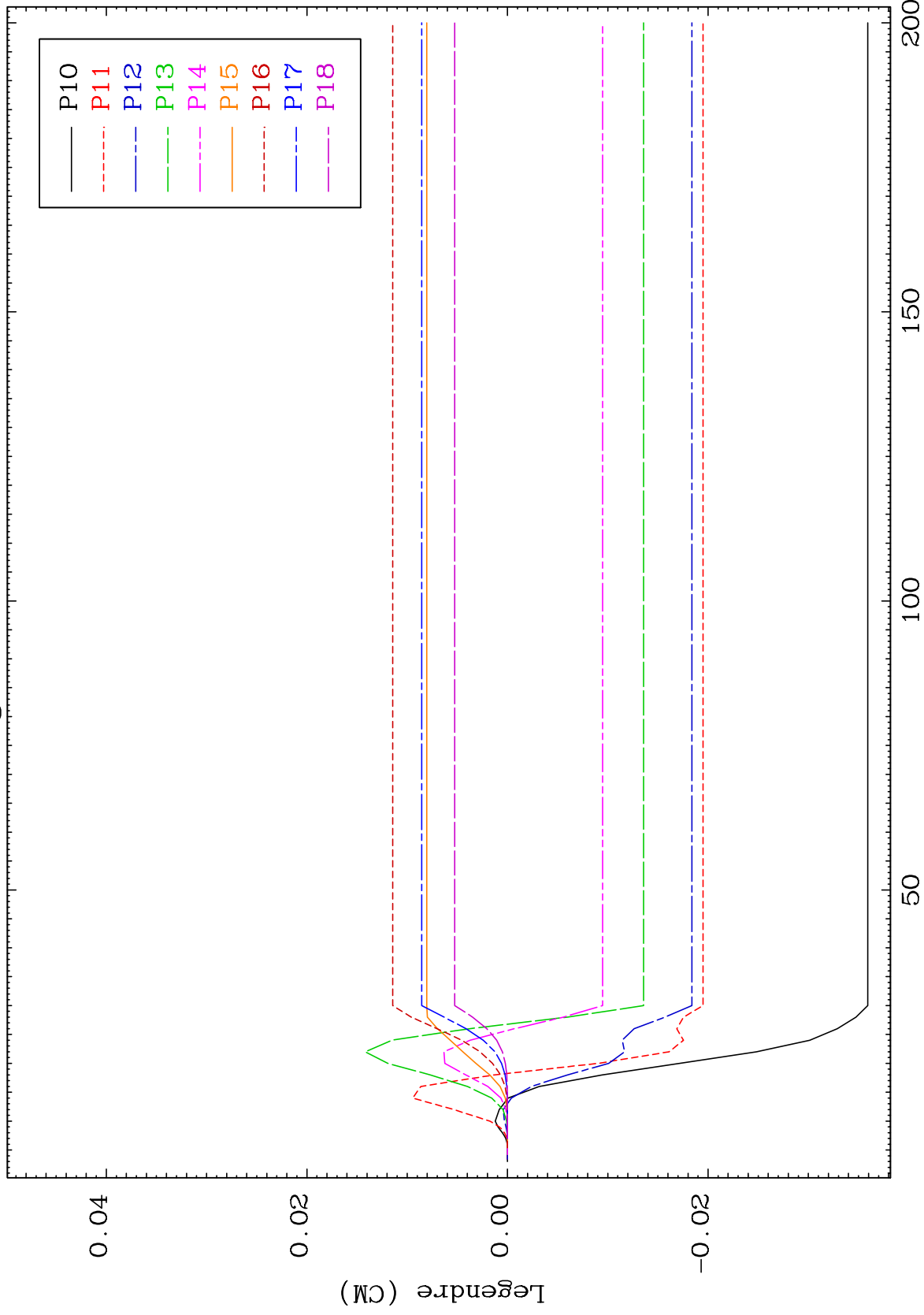
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-91



114

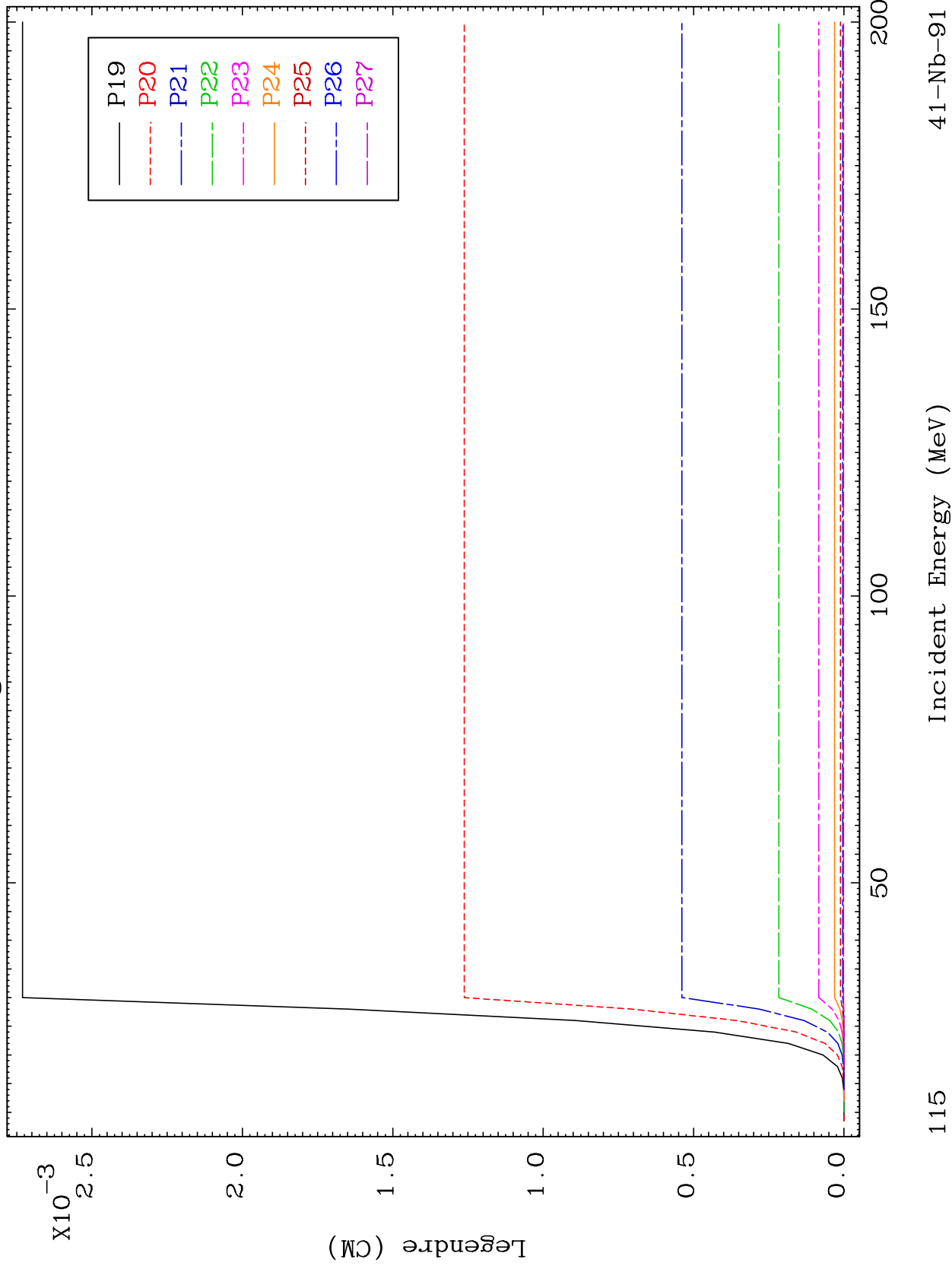
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-91



115

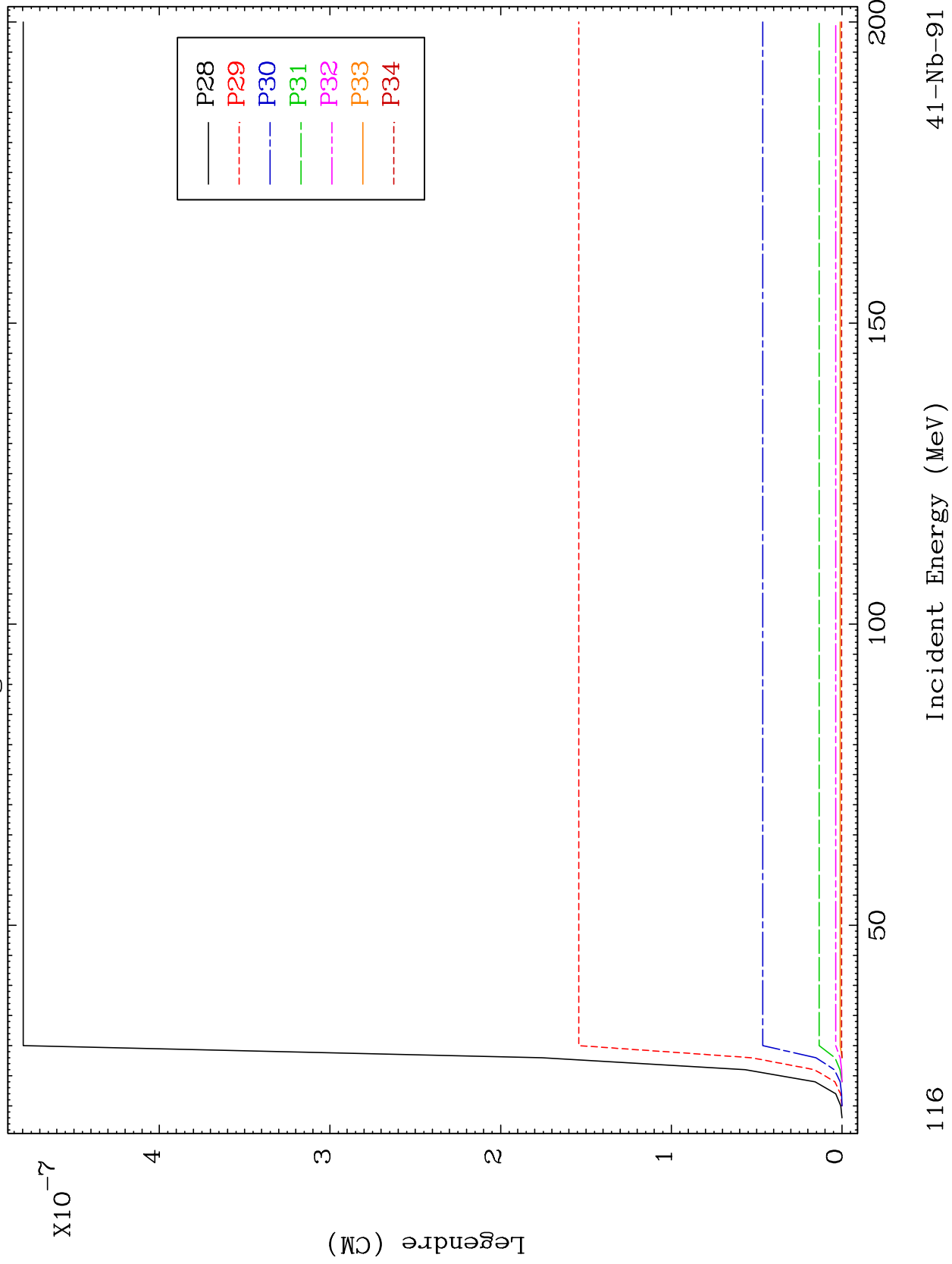
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-91



116

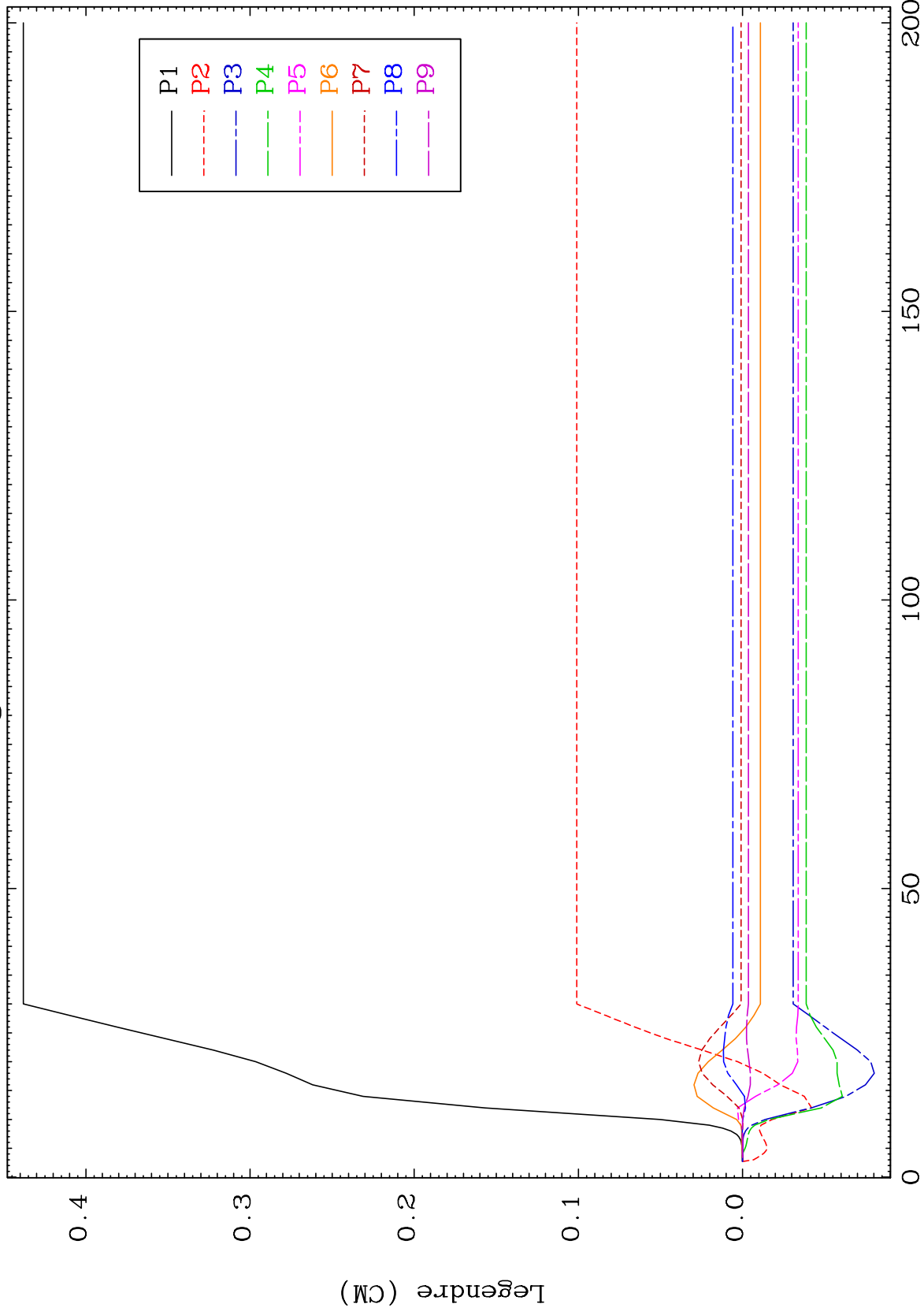
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-91



117

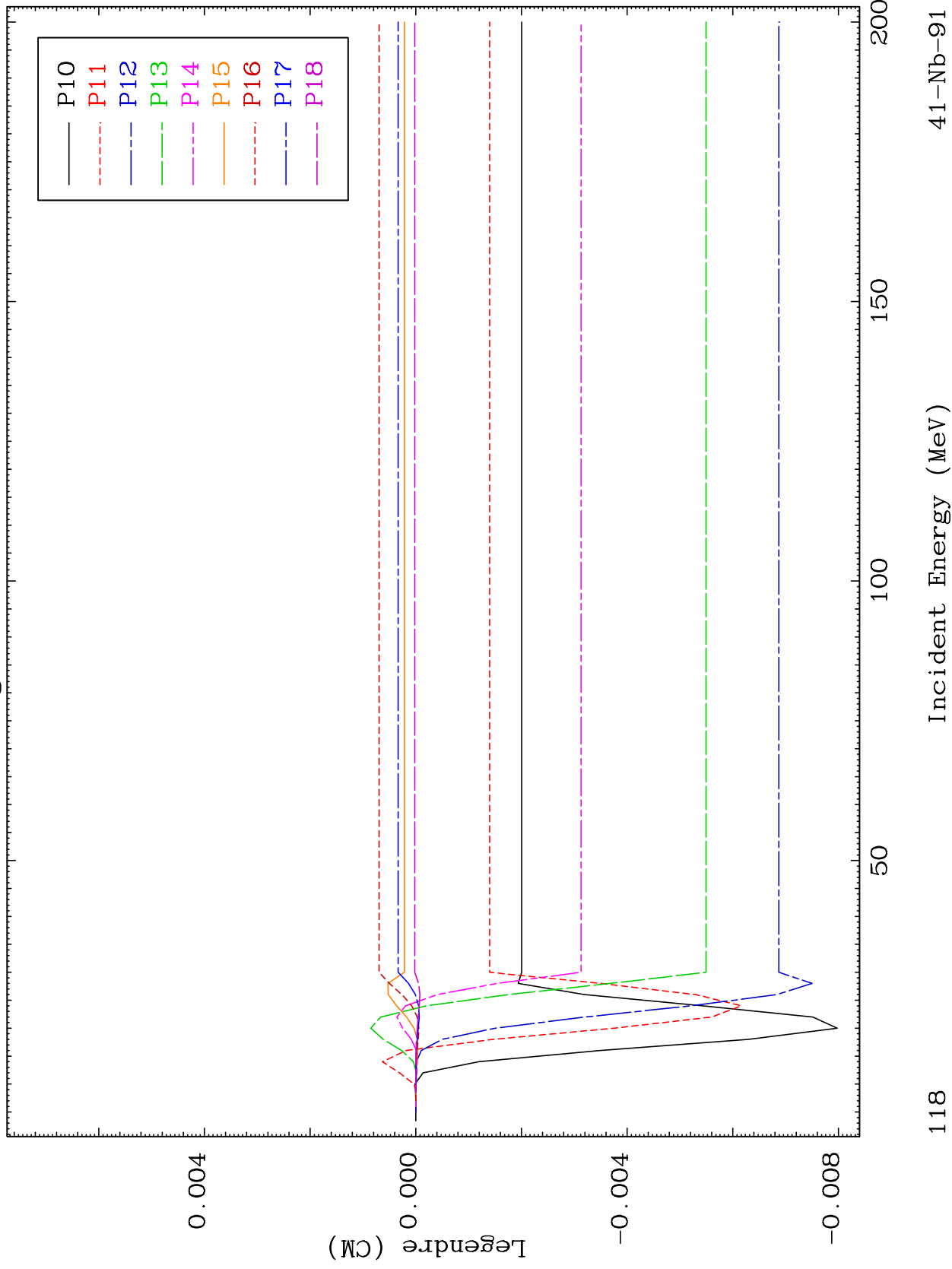
Incident Energy (MeV)

41-Nb-91

MAT 4119

MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-91

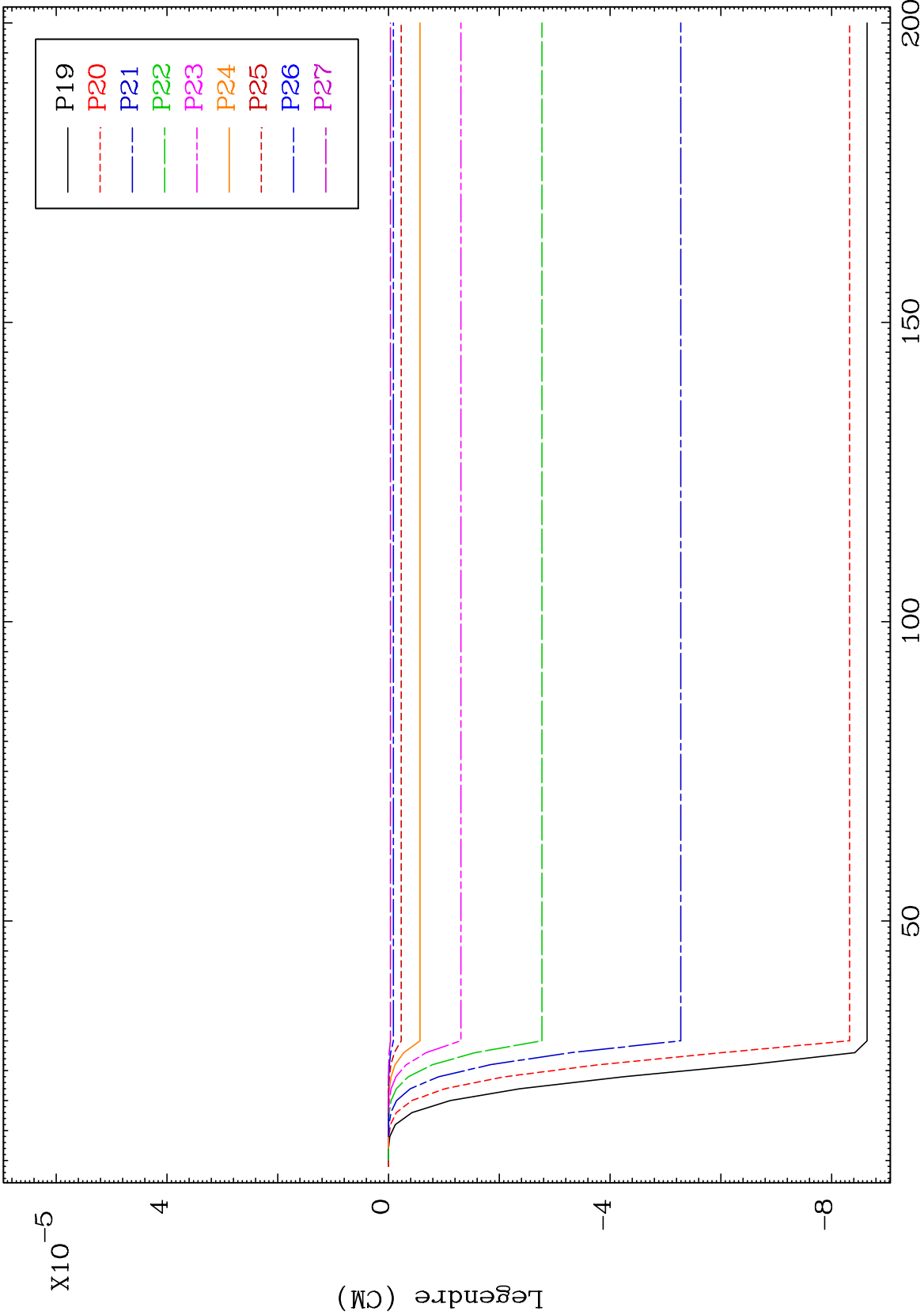


118

MAT 4119

MT= 78 (n,n') Level
Legendre Coefficients

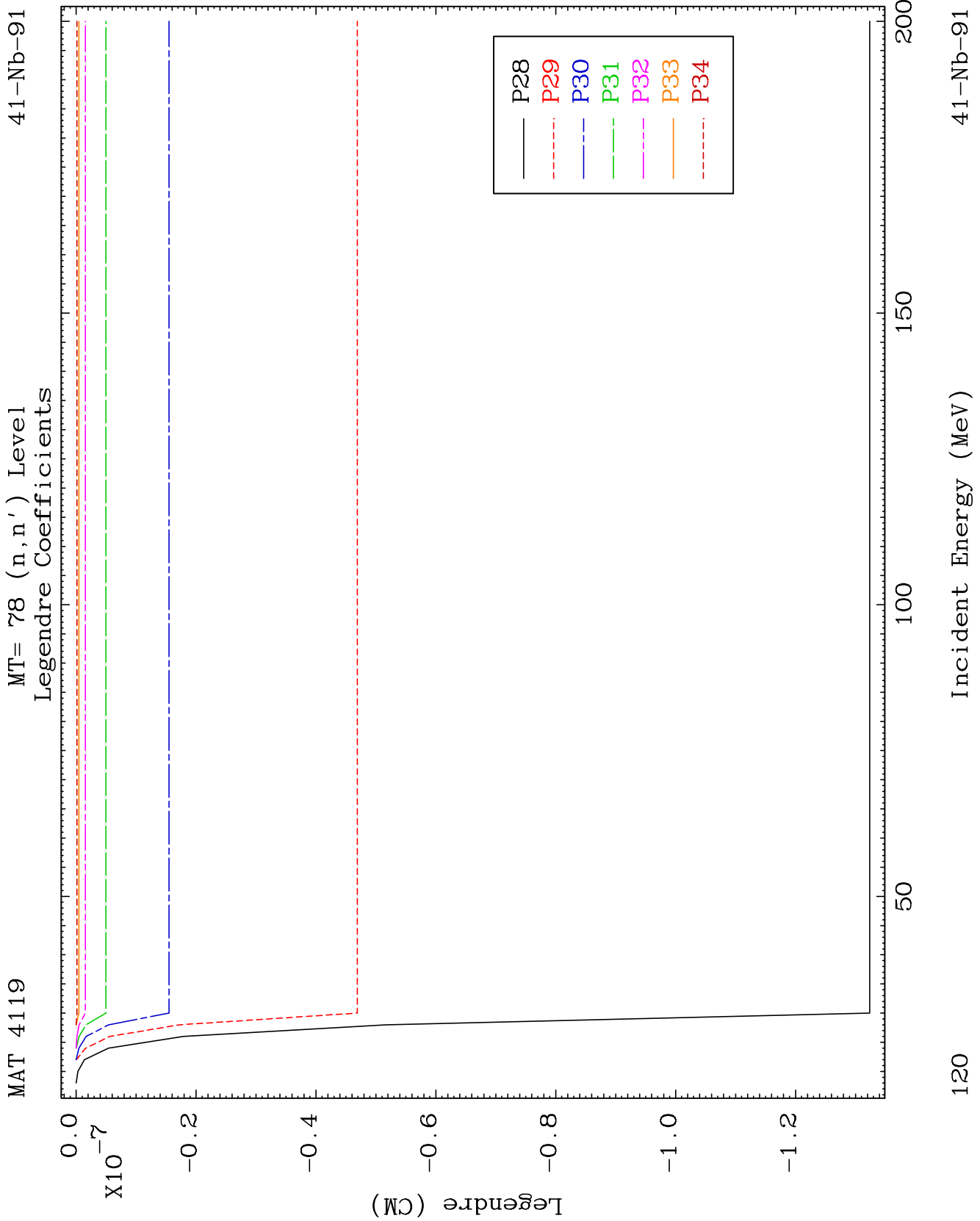
41-Nb-91



119

Incident Energy (MeV)

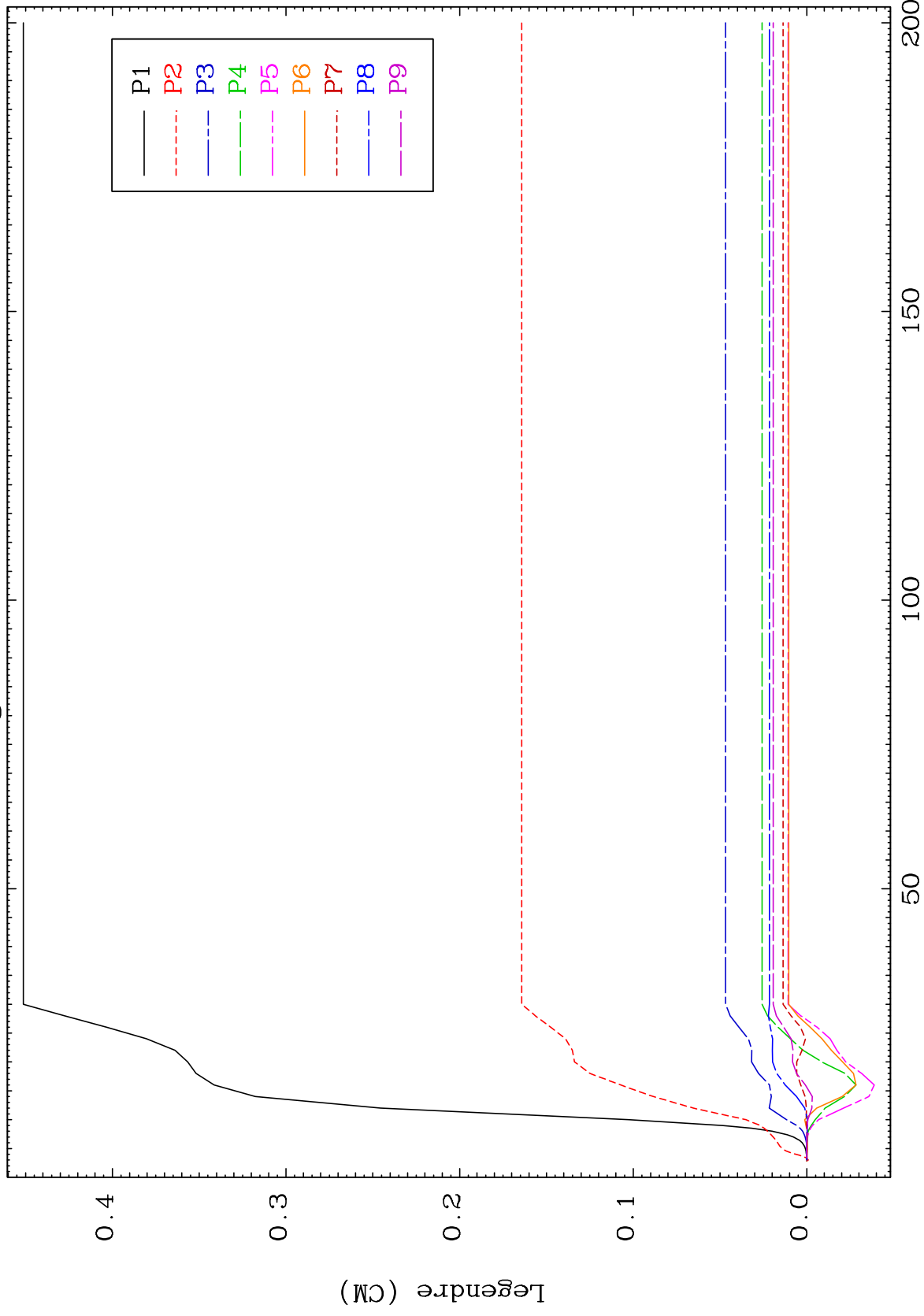
41-Nb-91



MAT 4119

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-91



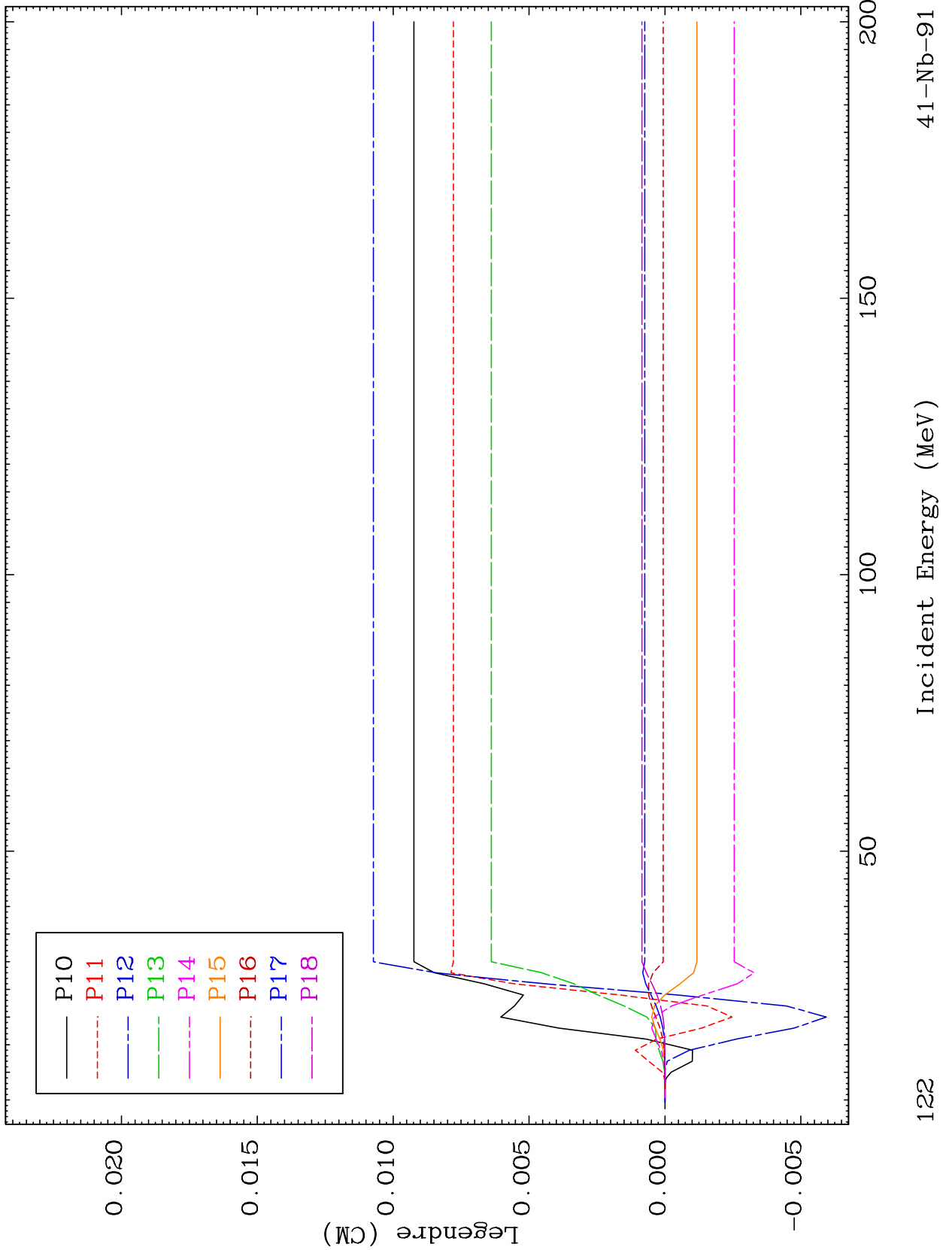
121

41-Nb-91

MAT 4119

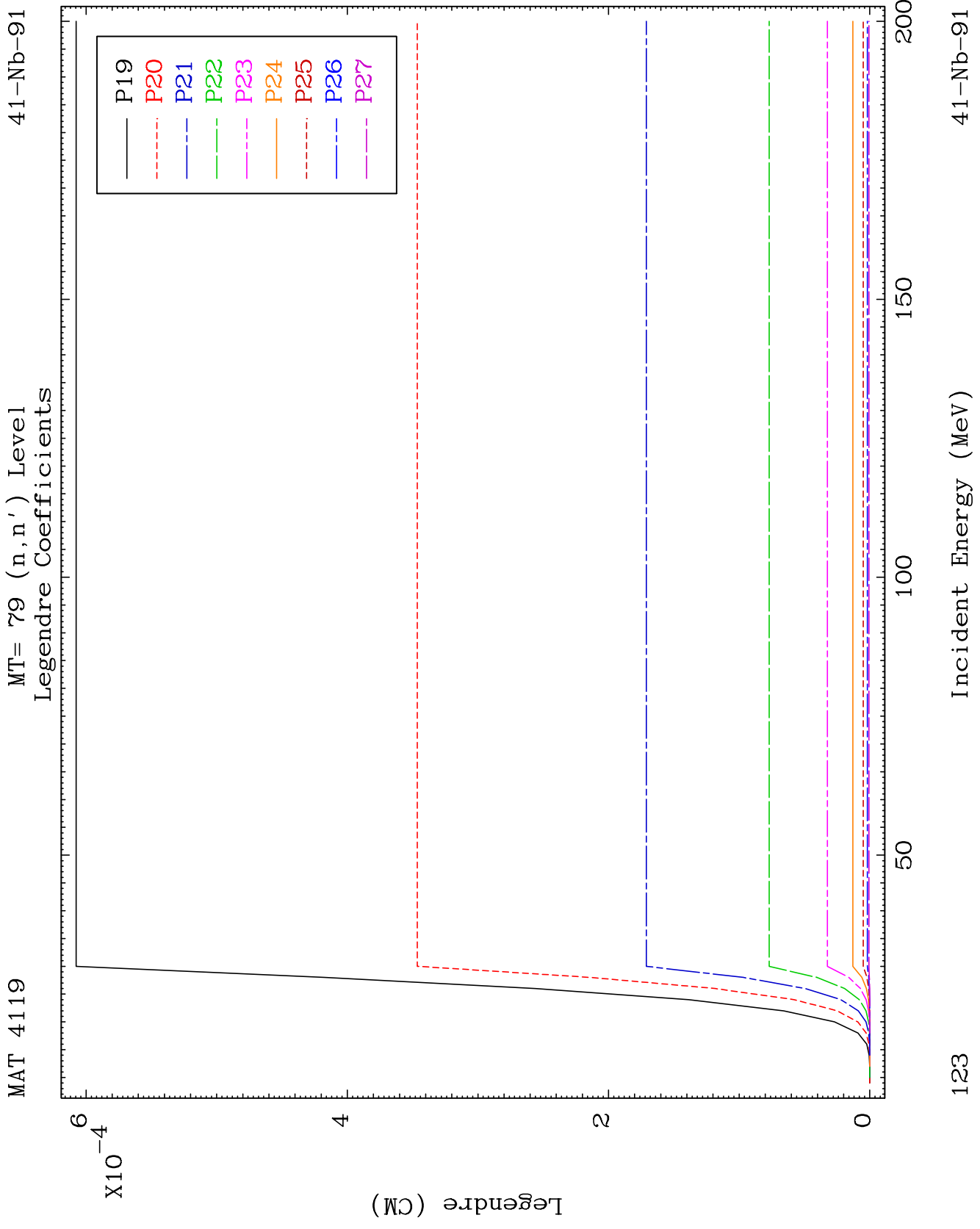
MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-91



122

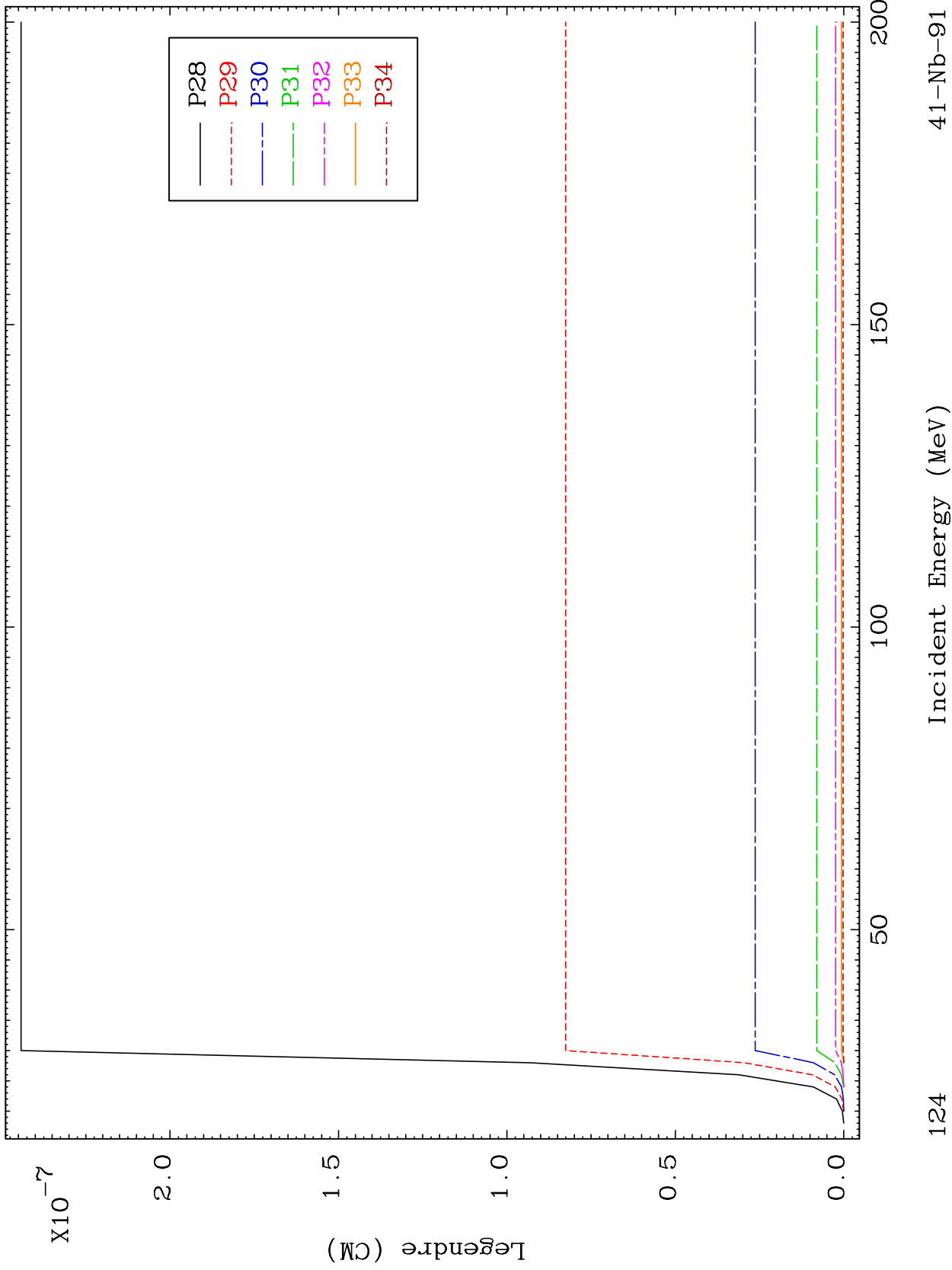
41-Nb-91



MAT 4119

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-91

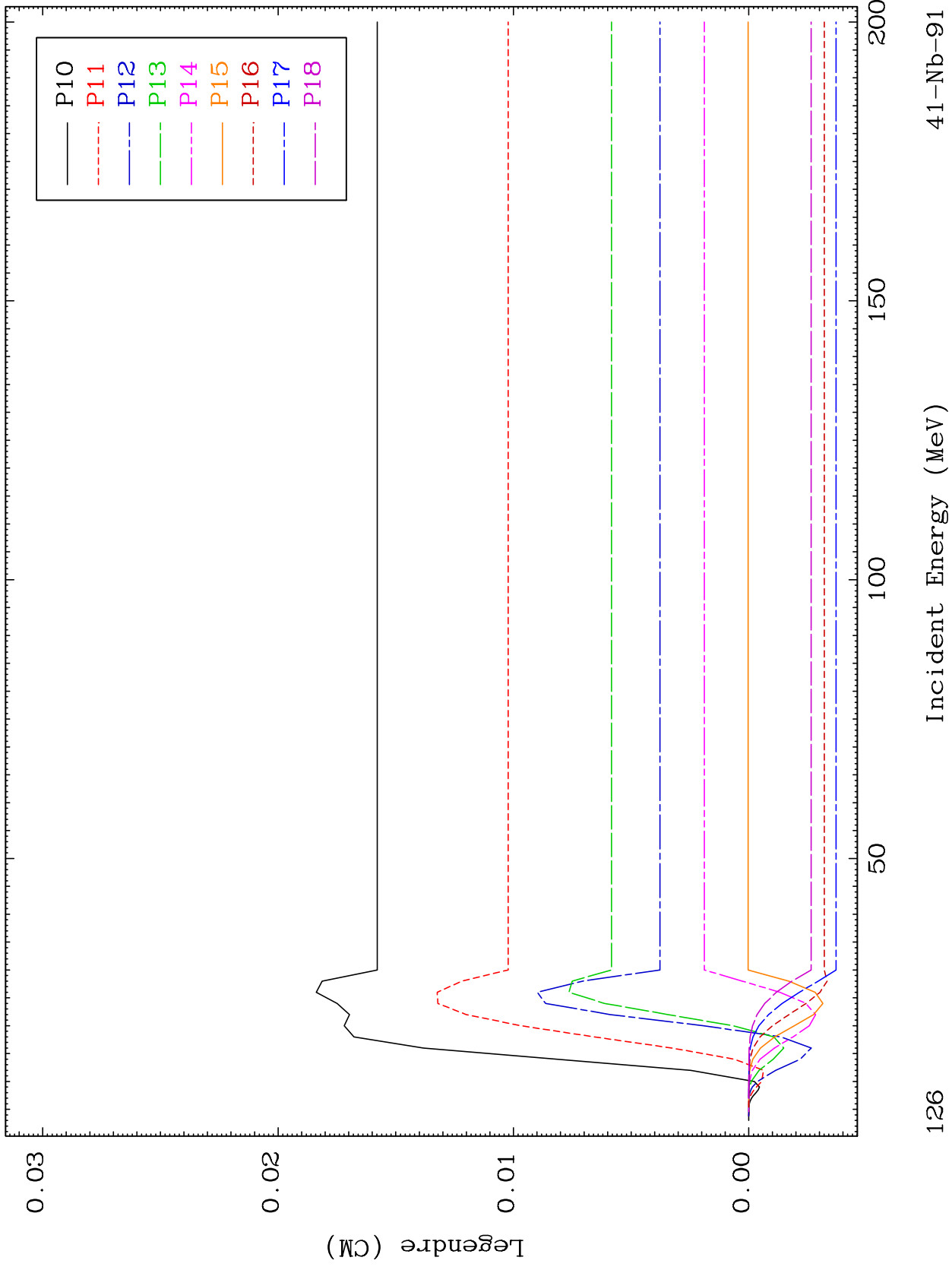


124

MAT 4119

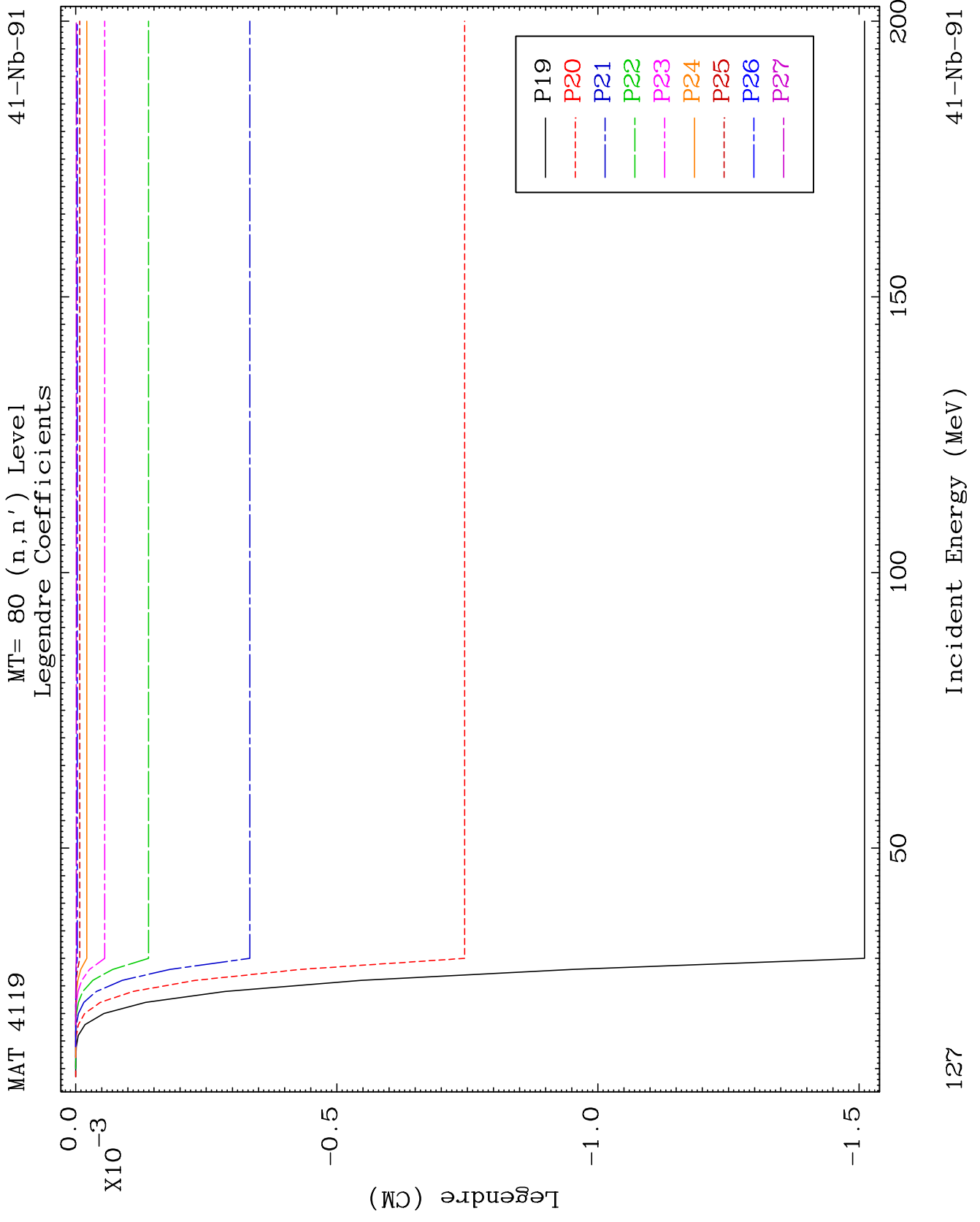
MT= 80 (n,n') Level
Legendre Coefficients

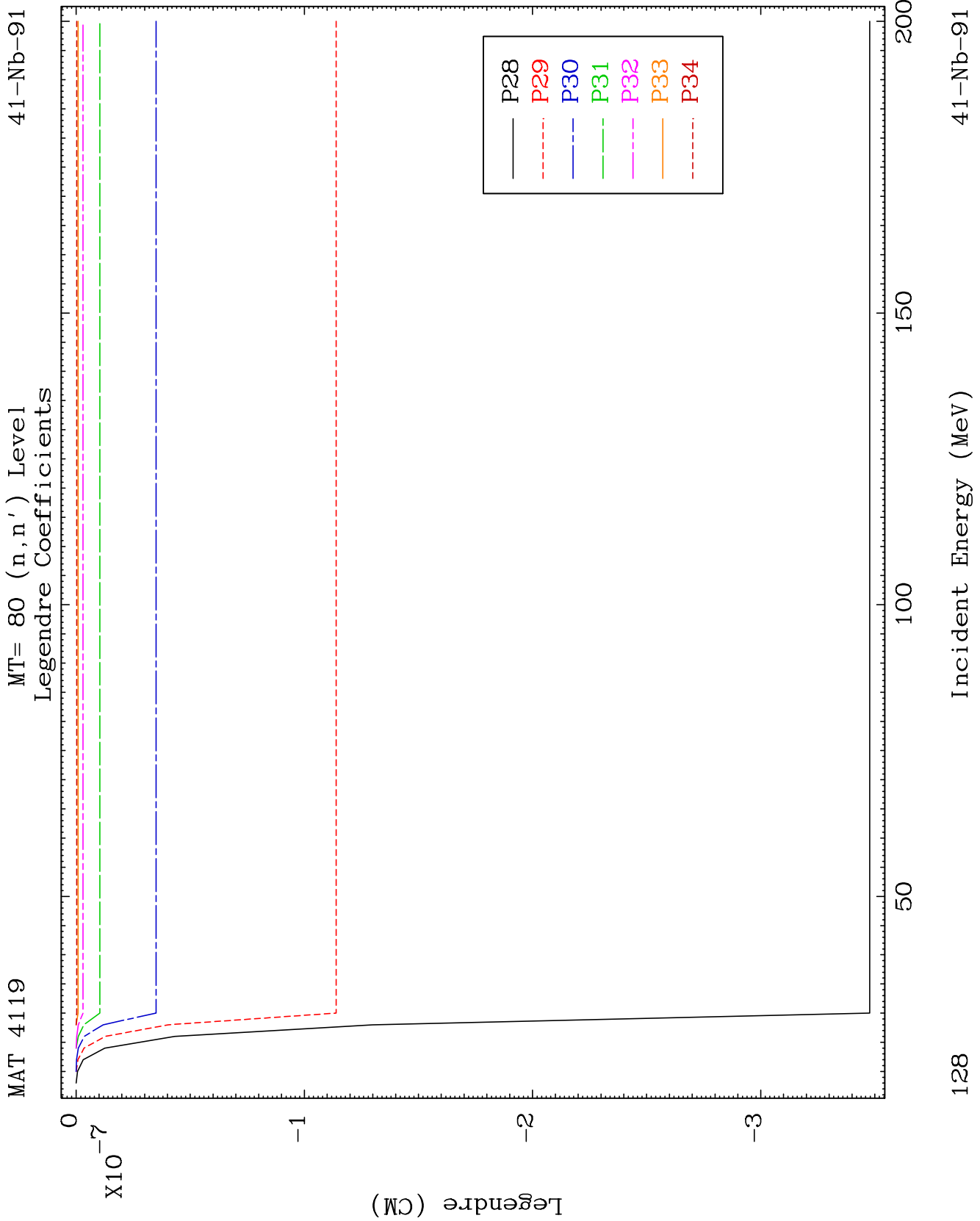
41-Nb-91



126

41-Nb-91

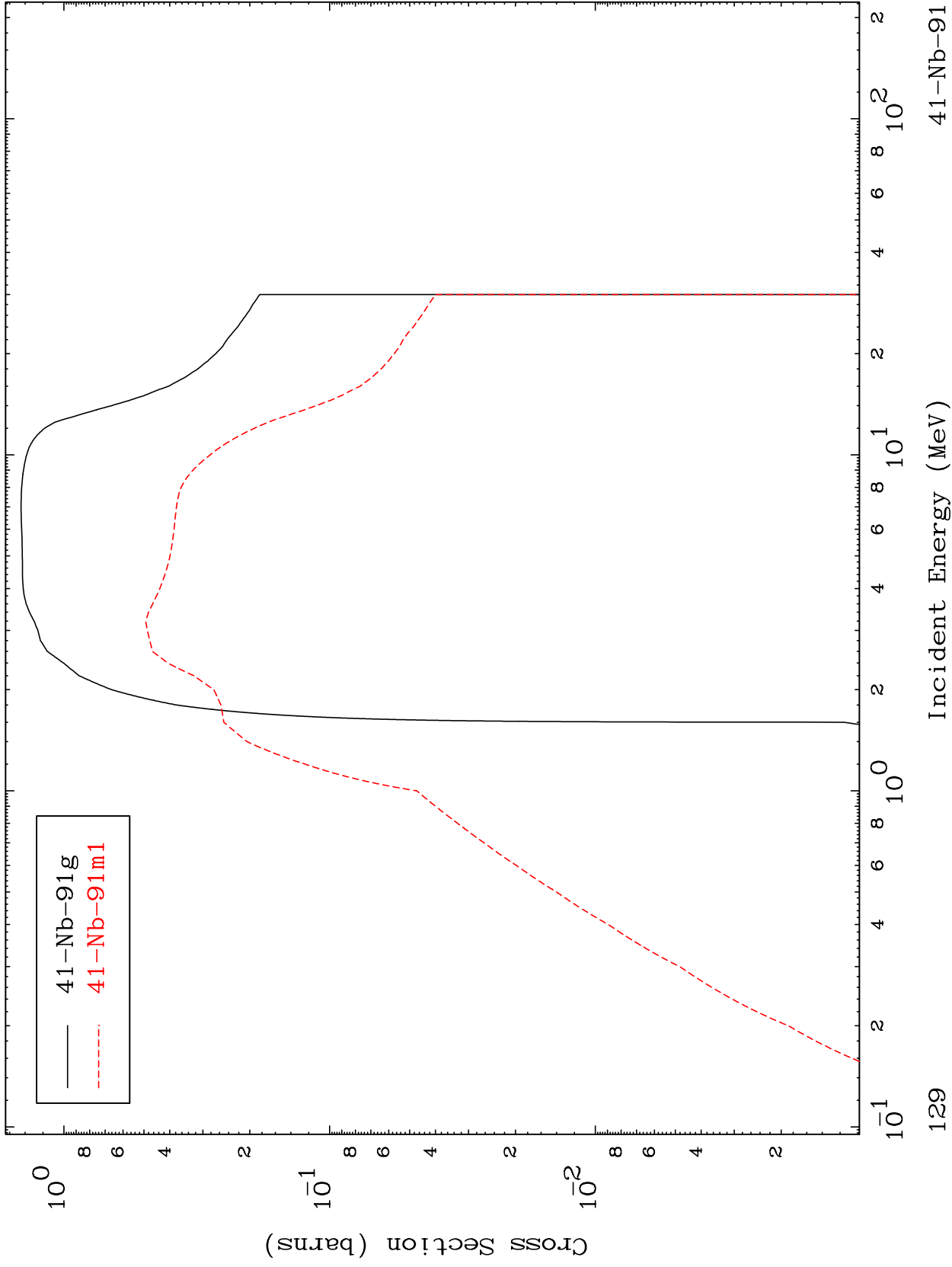




MAT 4119

41-Nb-91

Inelastic
Radionuclide Production Cross Section



41-Nb-91

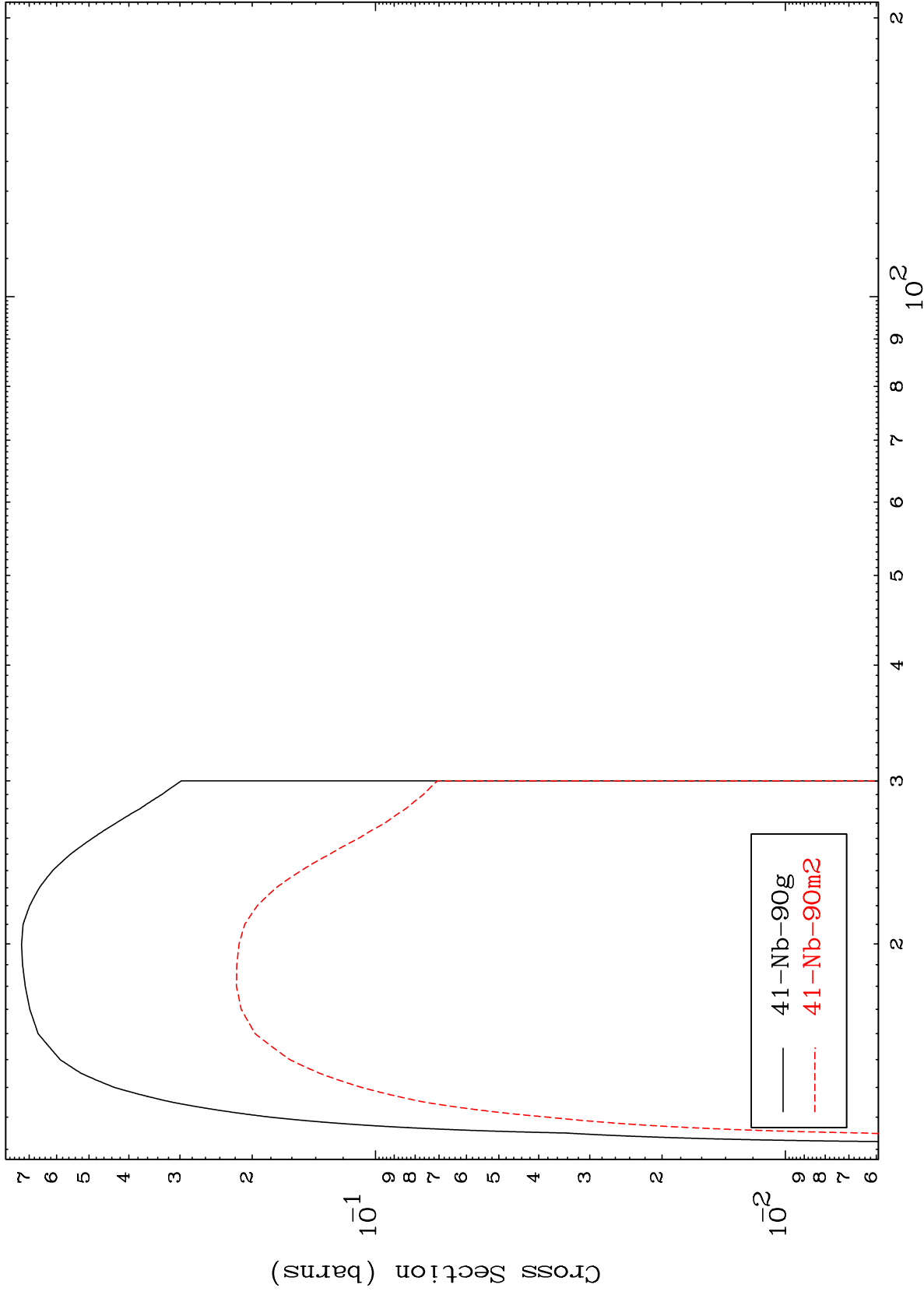
Incident Energy (MeV)

129

MAT 4119

41-Nb-91

(n,2n)
Radionuclide Production Cross Section



41-Nb-91

Incident Energy (MeV)

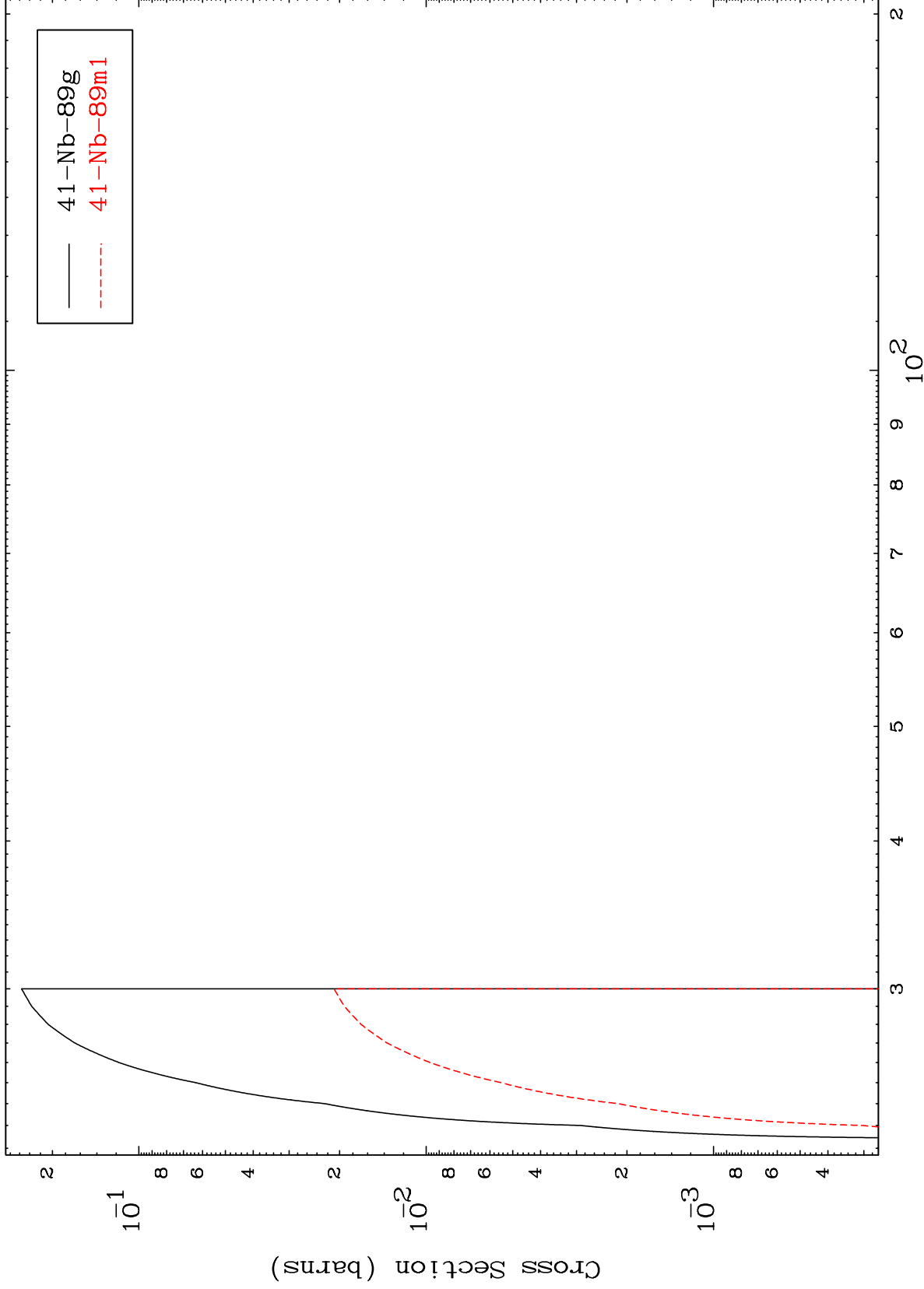
130

MAT 4119

(n,3n)

41-Nb-91

Radionuclide Production Cross Section



131

Incident Energy (MeV)

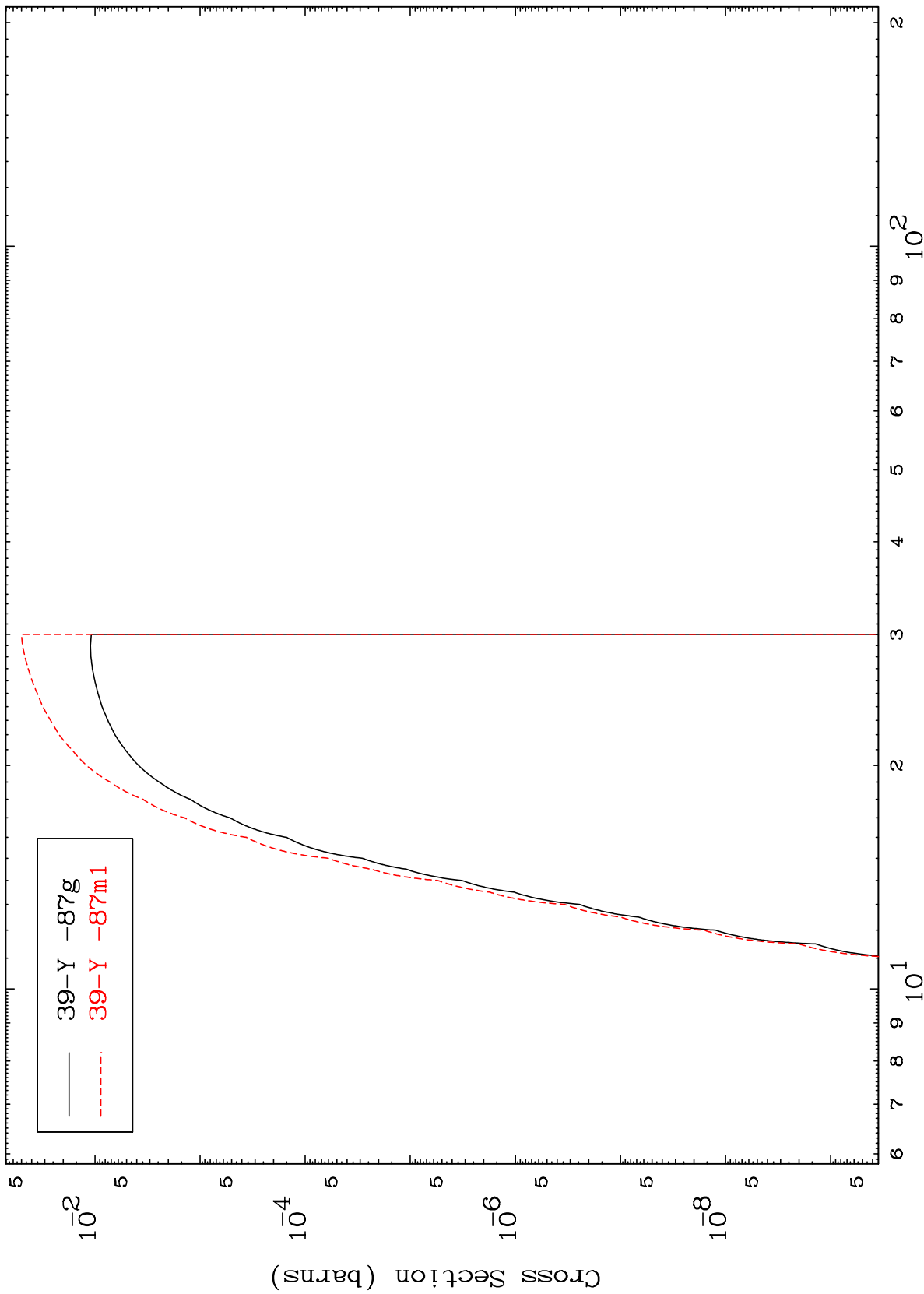
41-Nb-91

MAT 4119

(n,n') α

41-Nb-91

Radionuclide Production Cross Section



132

Incident Energy (MeV)

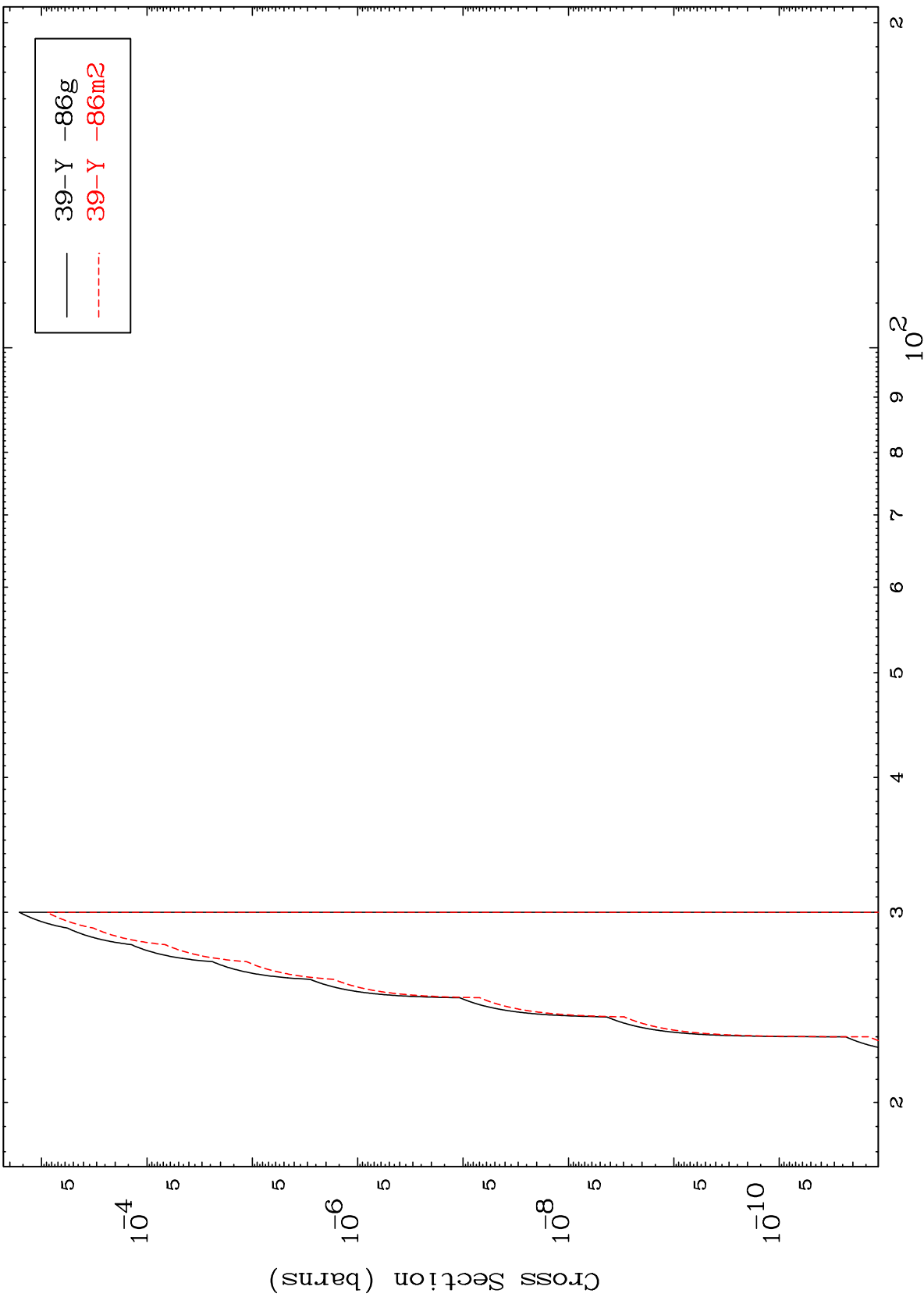
41-Nb-91

MAT 4119

(n,2n) α

41-Nb-91

Radionuclide Production Cross Section

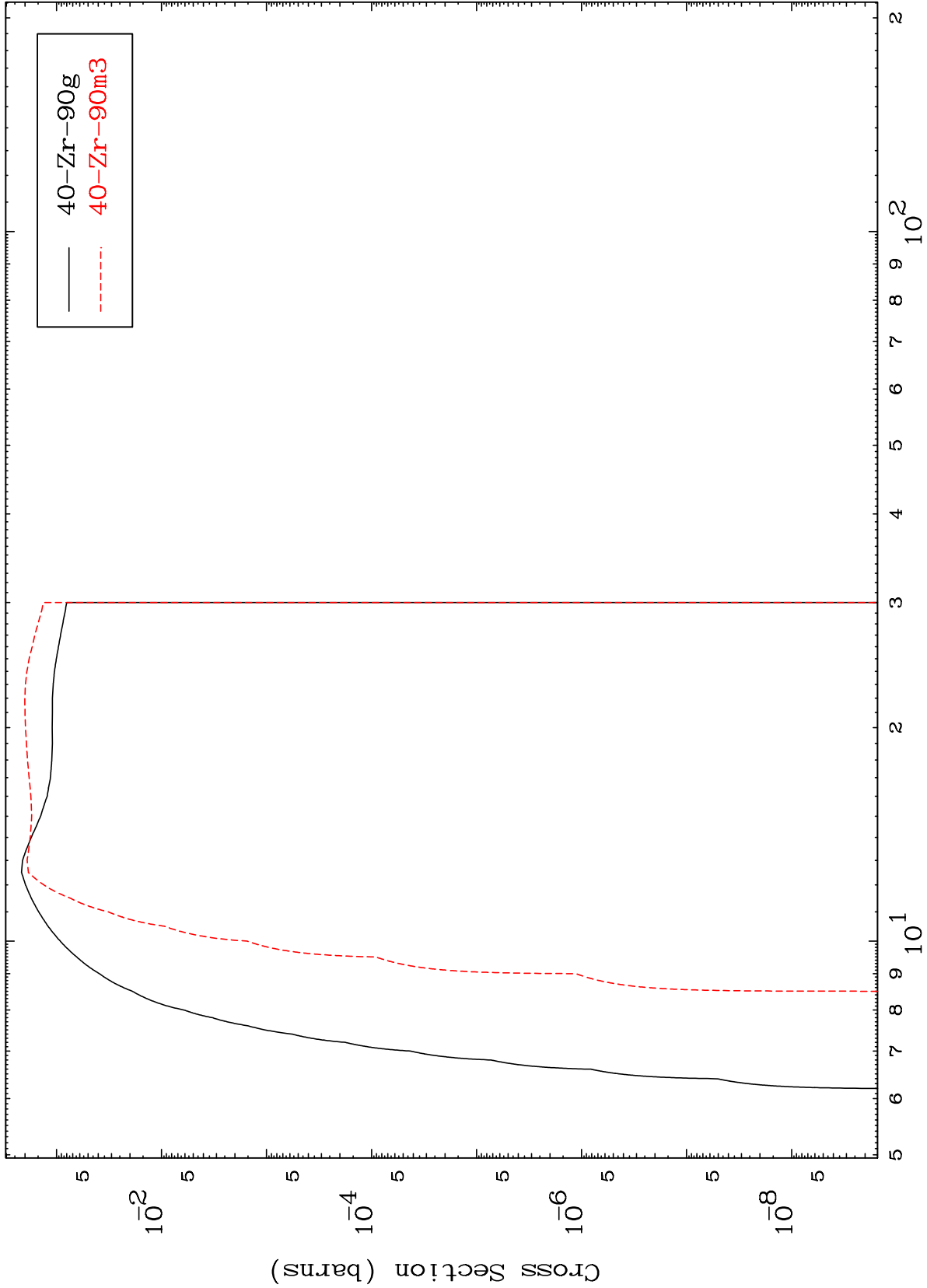


133

Incident Energy (MeV)

41-Nb-91

(n,n') p
Radionuclide Production Cross Section

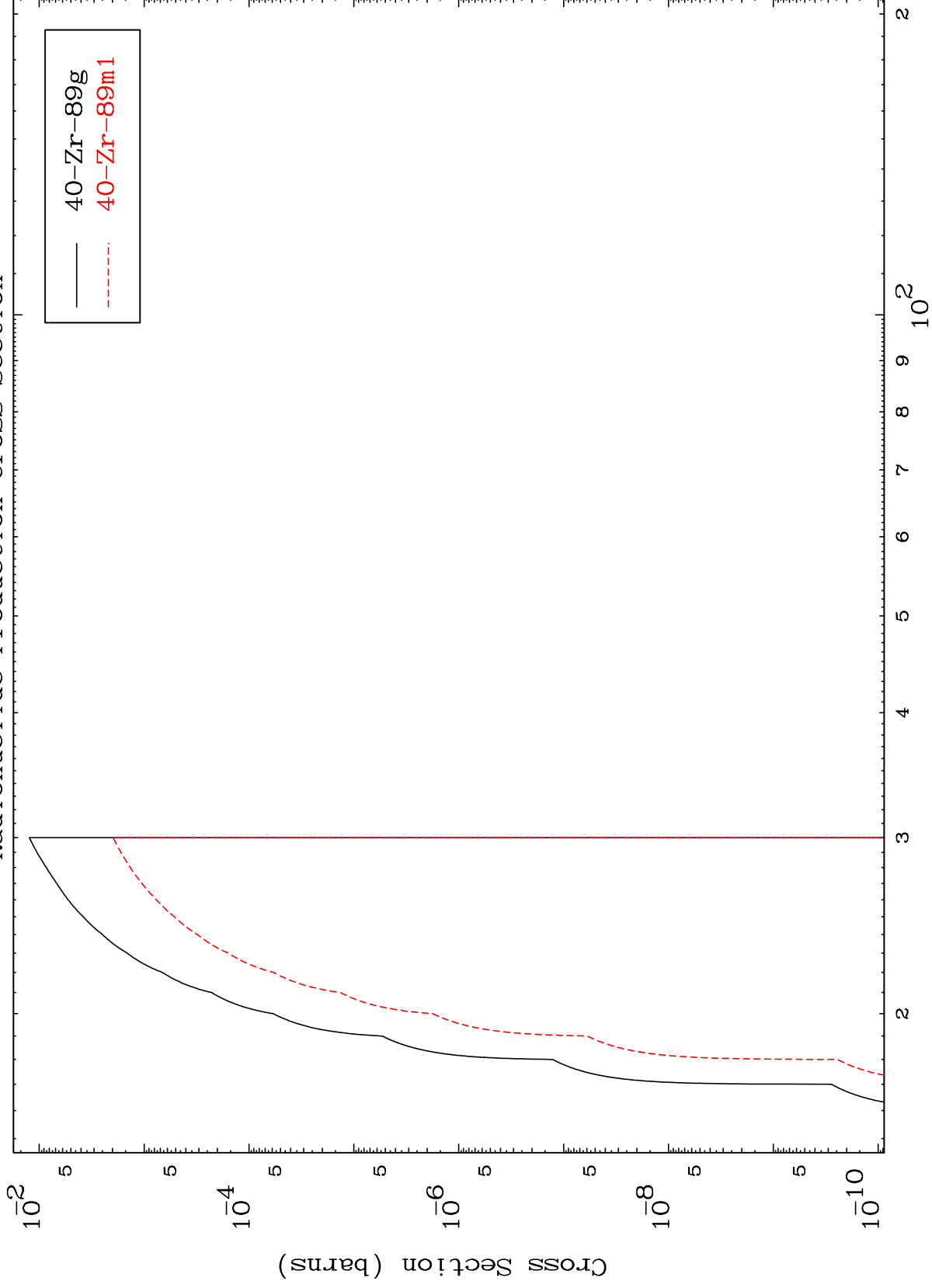


MAT 4119

(n,n') d

41-Nb-91

Radionuclide Production Cross Section

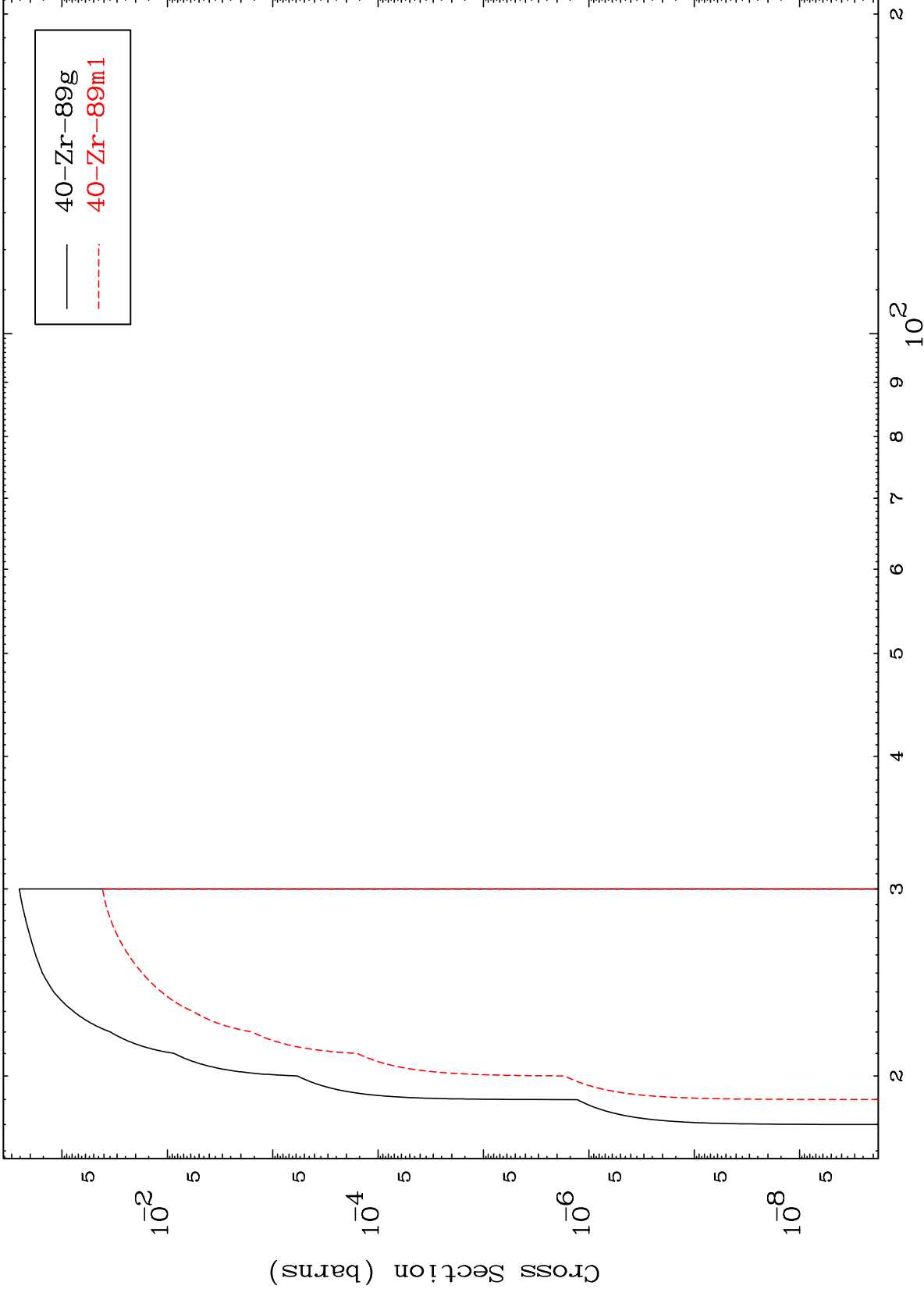


135

Incident Energy (MeV)

41-Nb-91

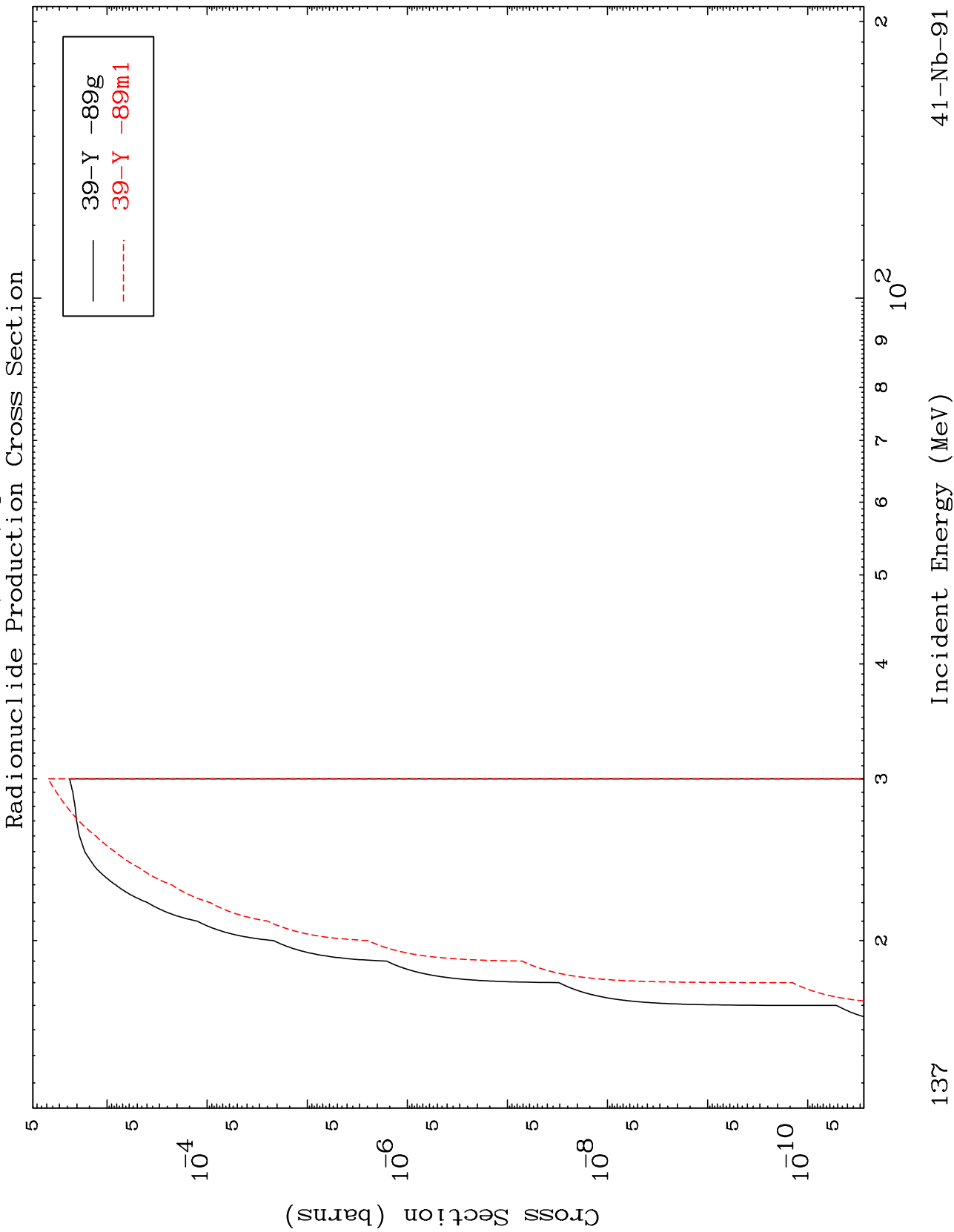
Radionuclide Production Cross Section



MAT 4119

(n,2n) p

41-Nb-91

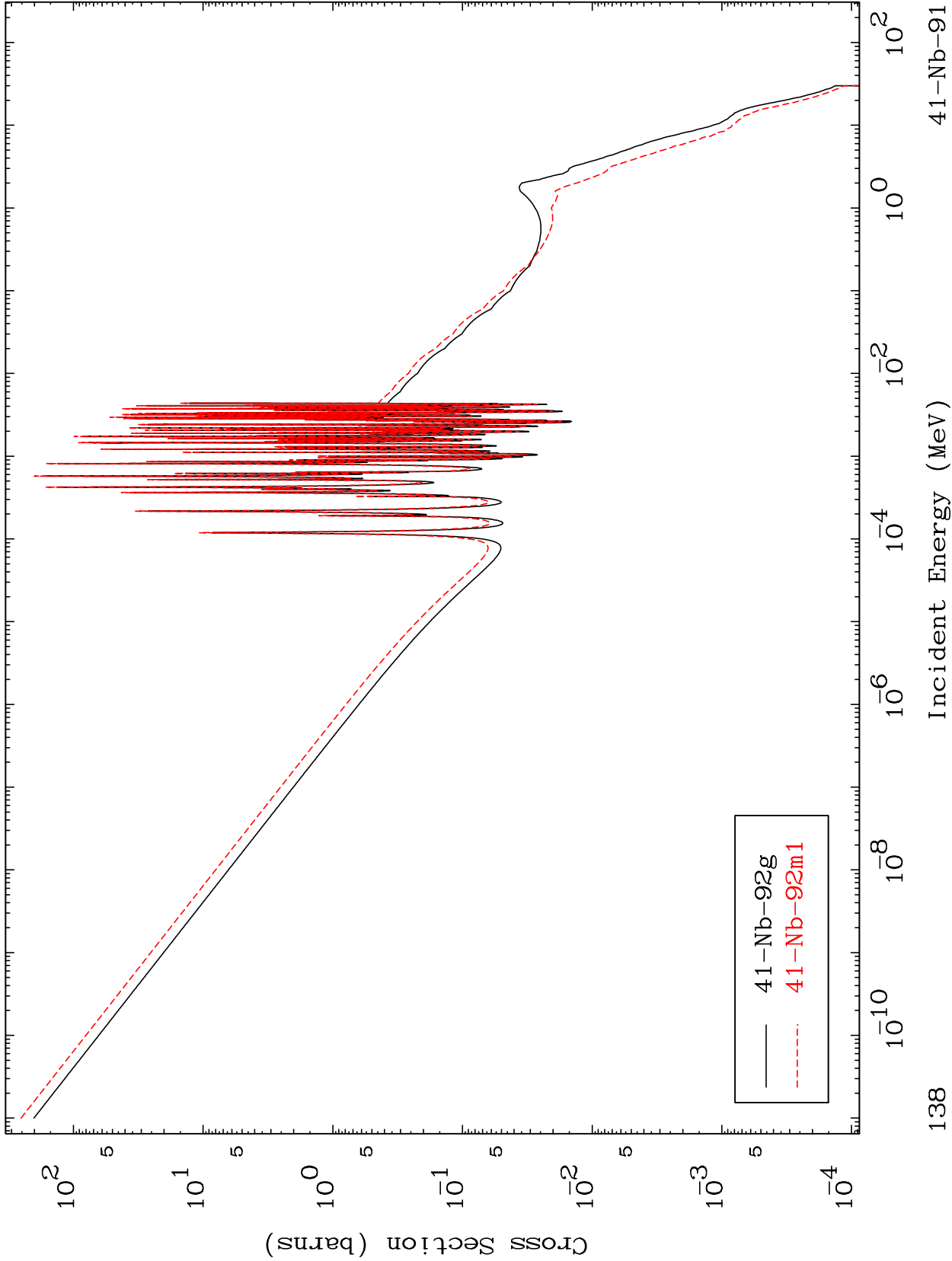


137

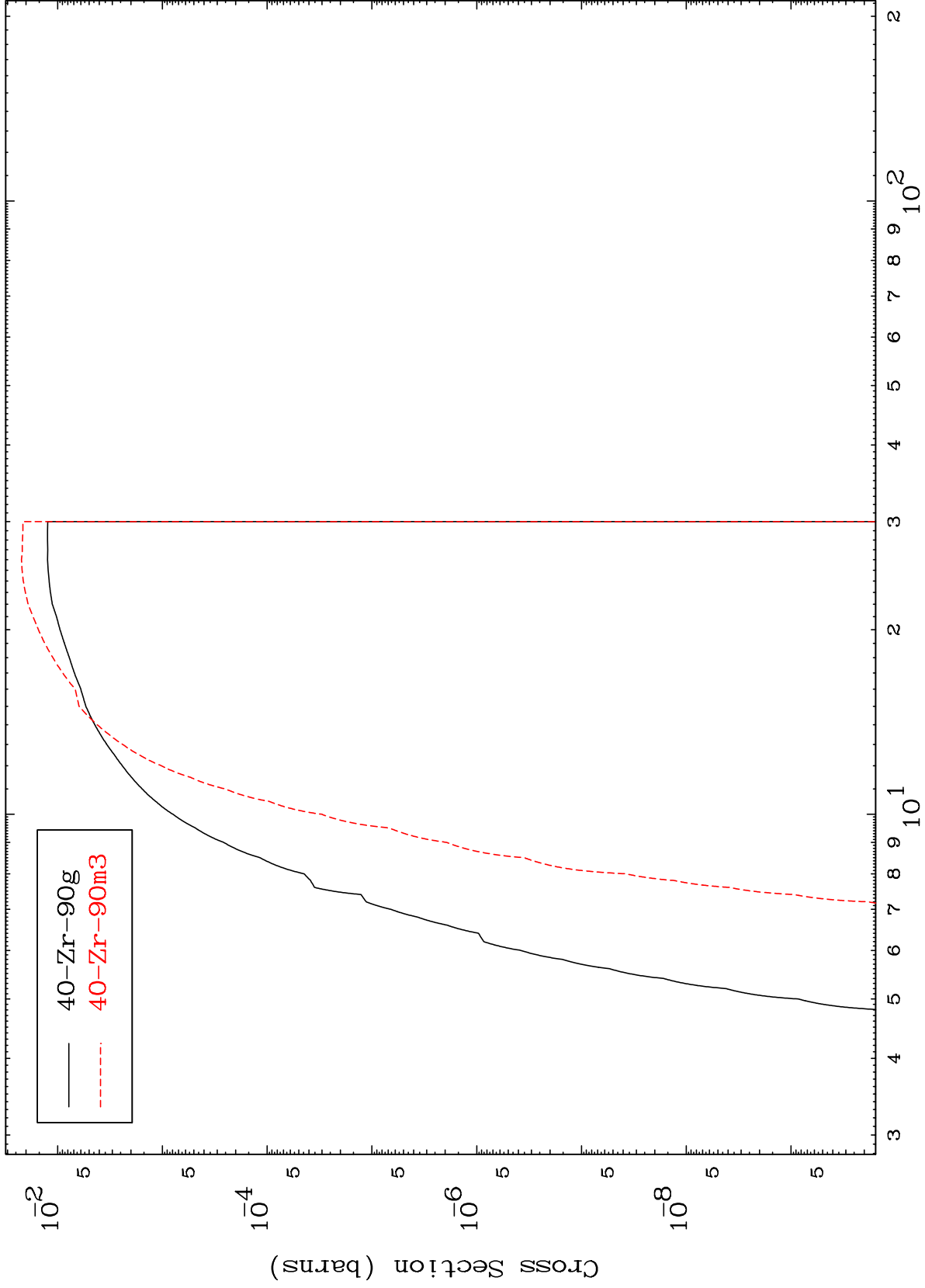
Incident Energy (MeV)

41-Nb-91

(n,γ)
Radionuclide Production Cross Section



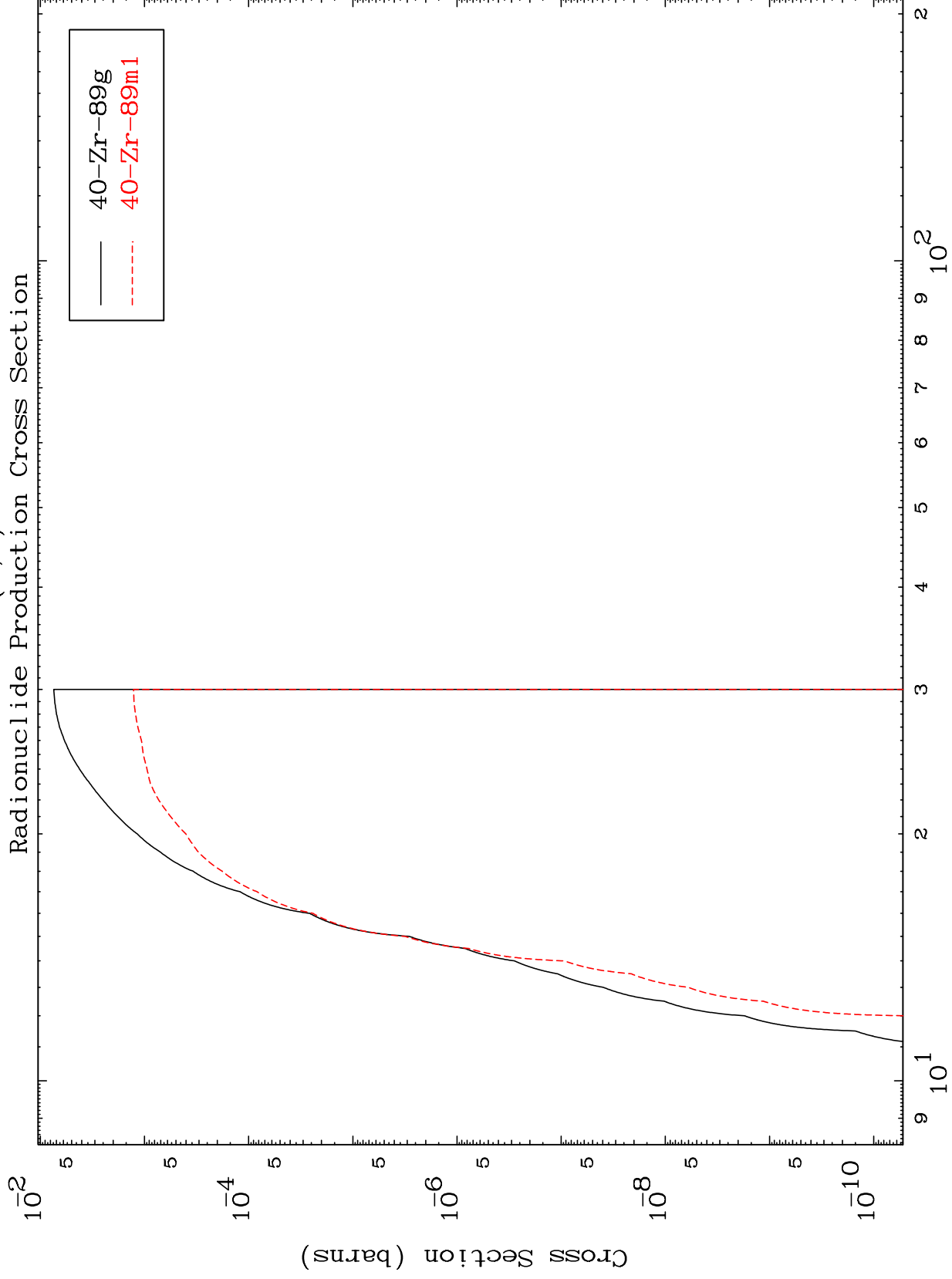
(n,d)
Radionuclide Production Cross Section



MAT 4119

41-Nb-91

(n, t)
Radionuclide Production Cross Section



40-Zr-89g
40-Zr-89m1

41-Nb-91

Incident Energy (MeV)

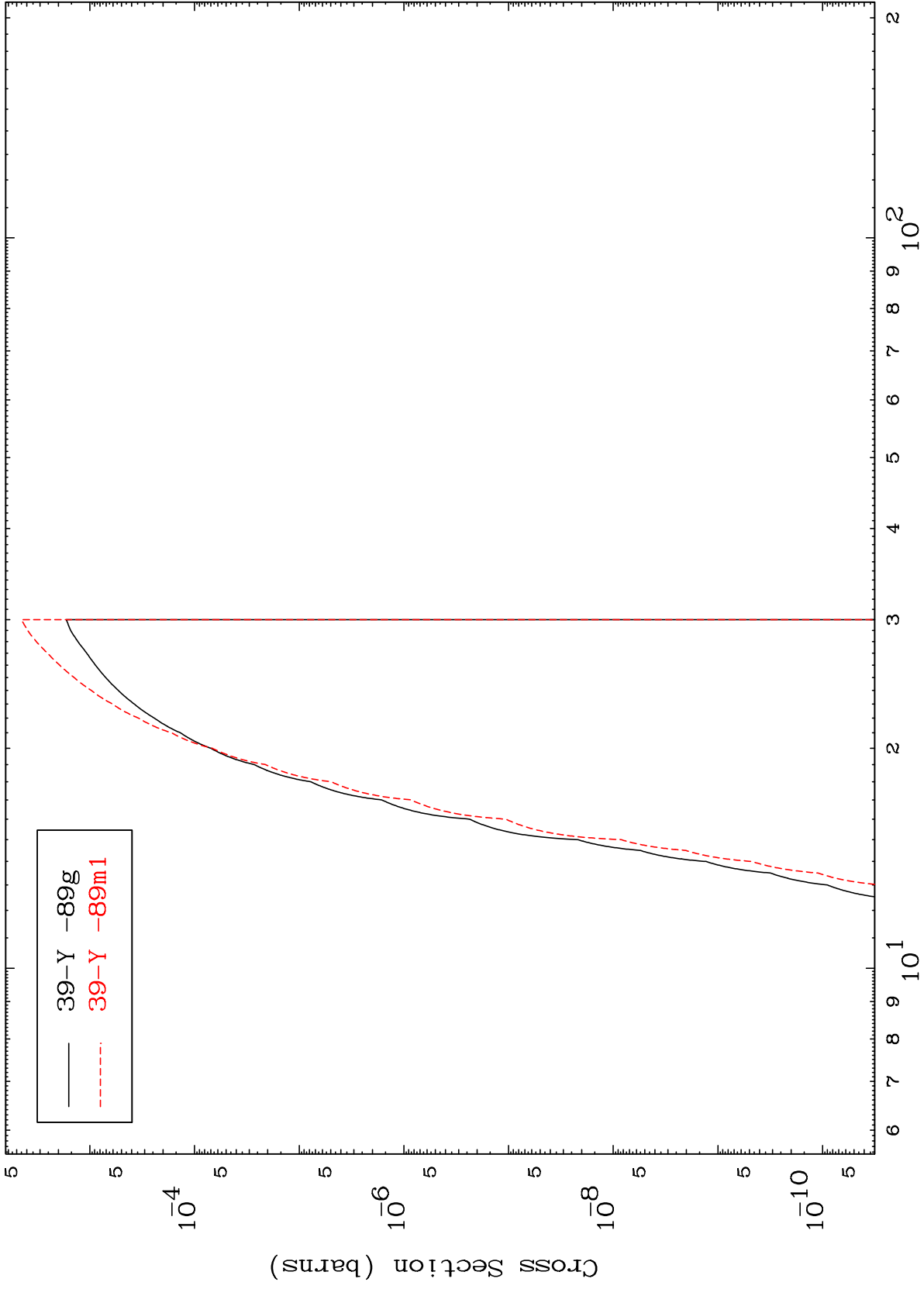
140

MAT 4119

(n,He-3)

41-Nb-91

Radionuclide Production Cross Section



39-Y-89g
39-Y-89m1

141

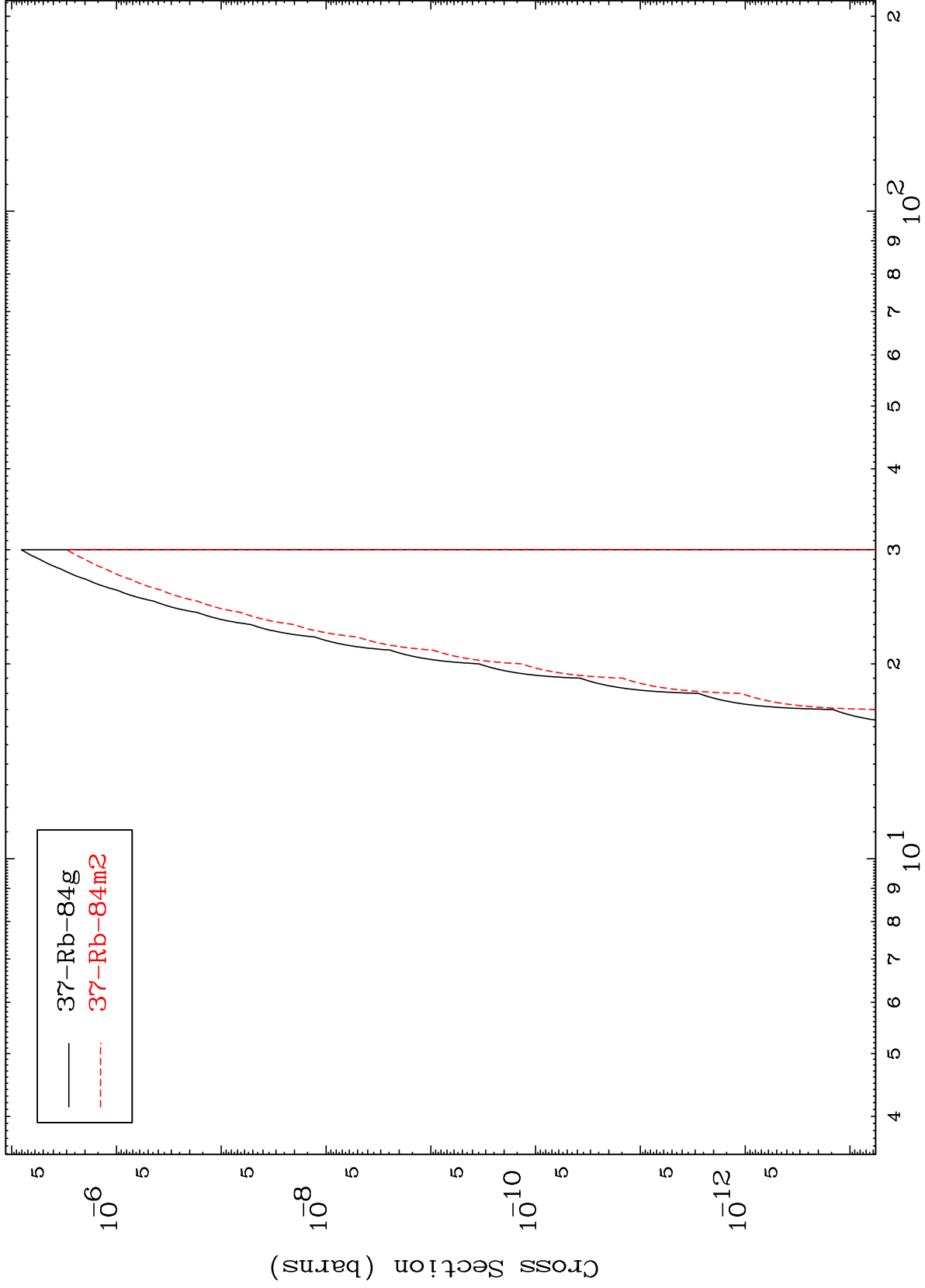
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,2α)
Radionuclide Production Cross Section



41-Nb-91

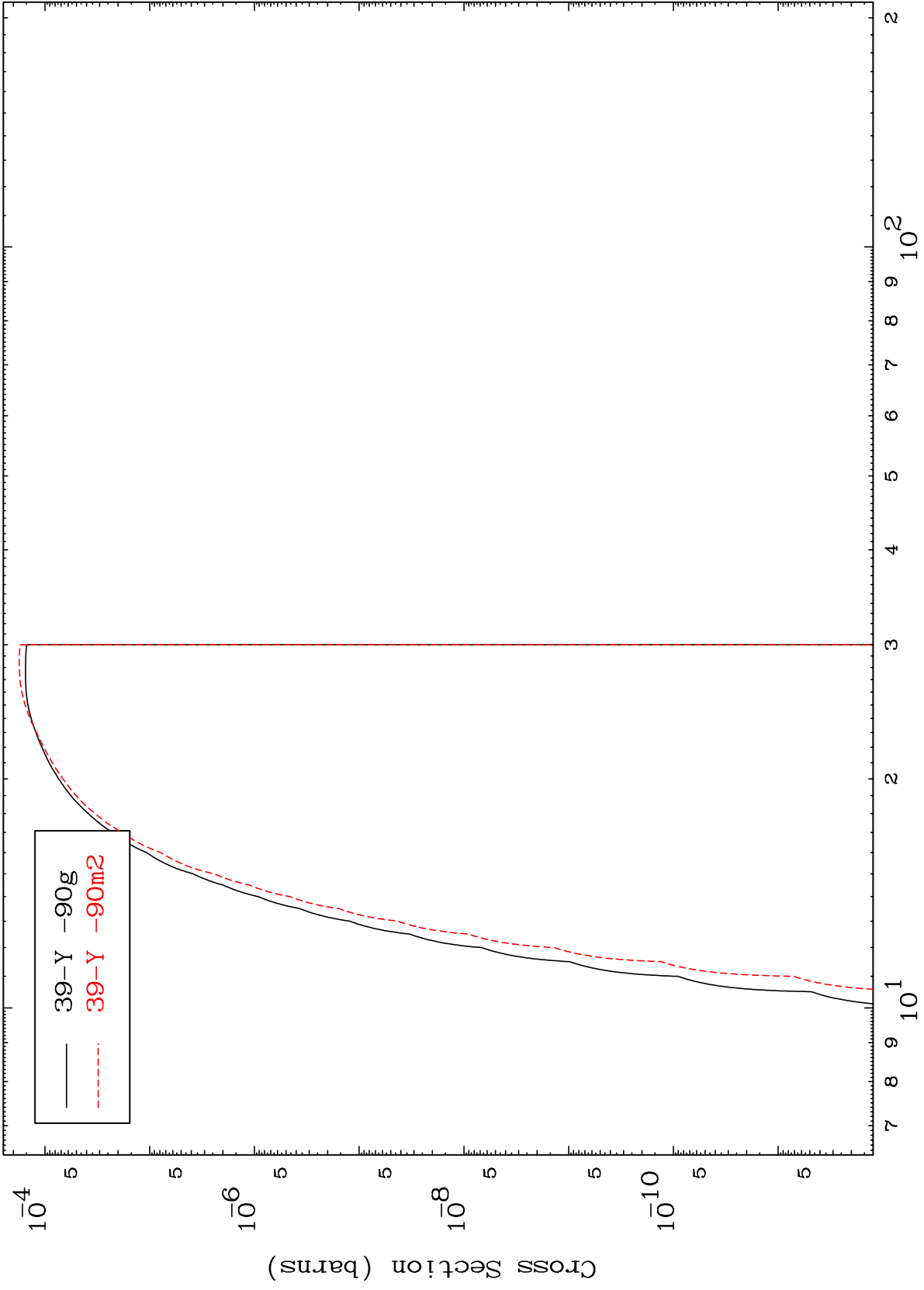
Incident Energy (MeV)

142

MAT 4119

41-Nb-91

(n,2p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

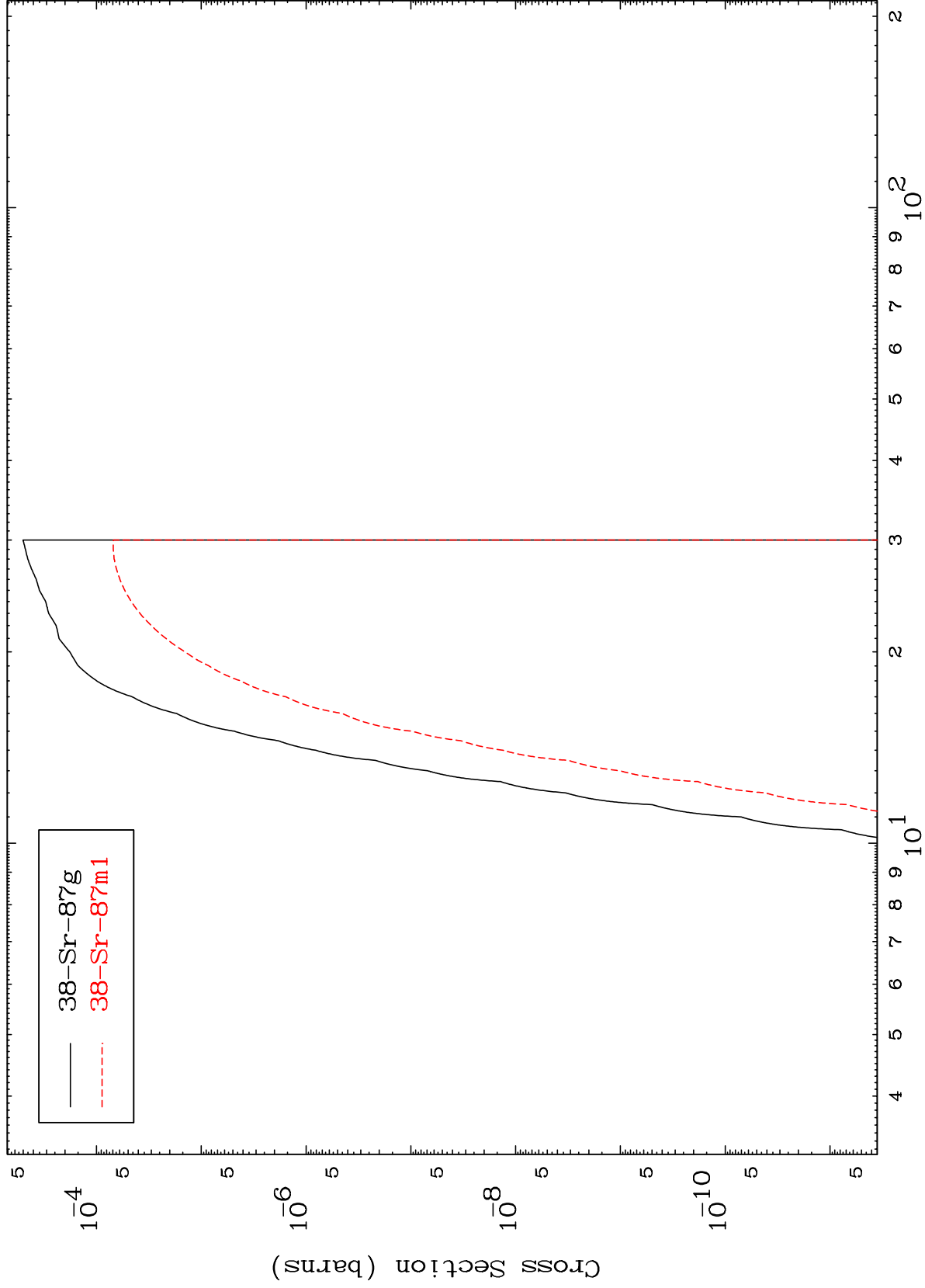
41-Nb-91

MAT 4119

(n,p) α

41-Nb-91

Radionuclide Production Cross Section

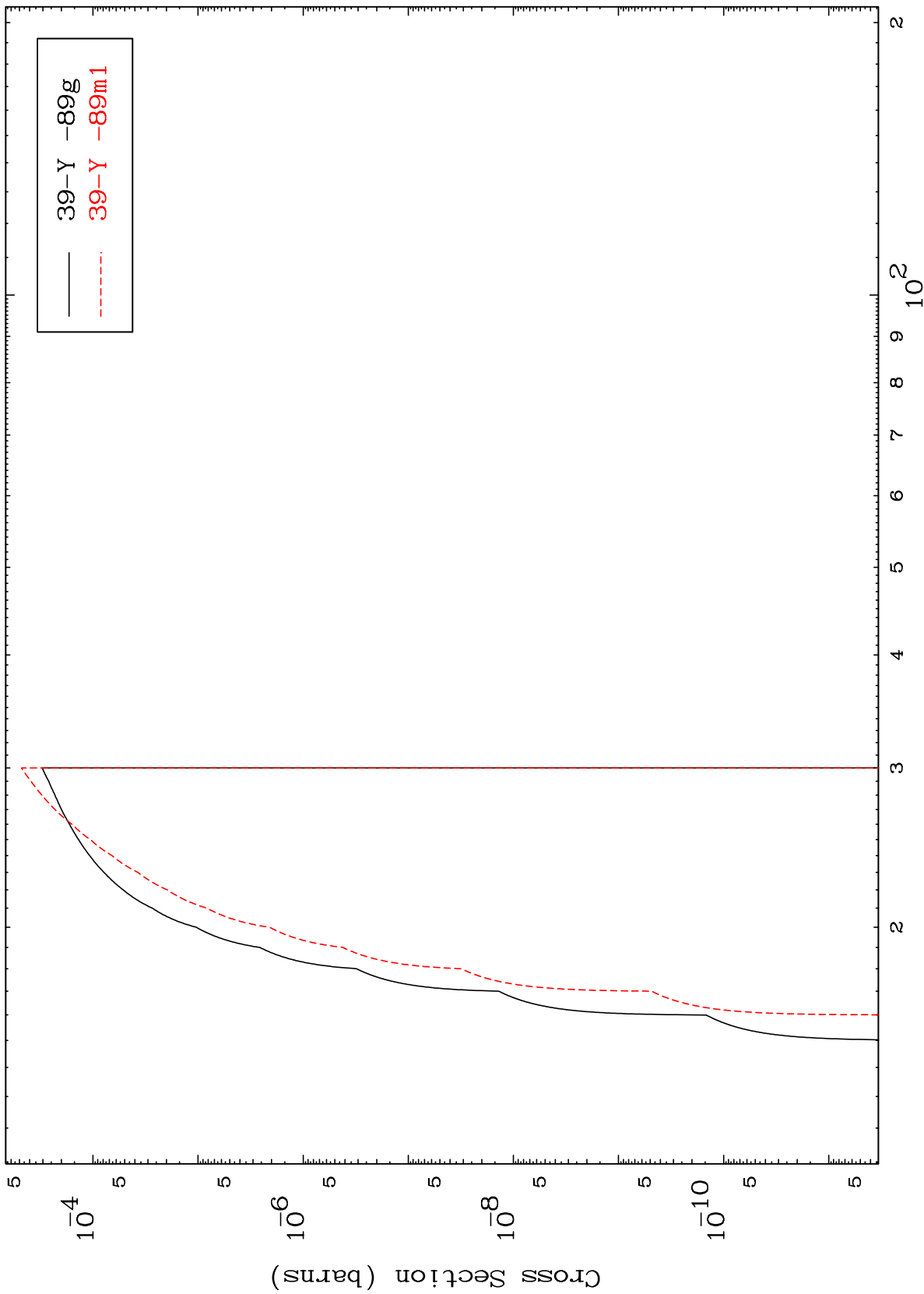


MAT 4119

(n,p) d

41-Nb-91

Radionuclide Production Cross Section



145

Incident Energy (MeV)

41-Nb-91